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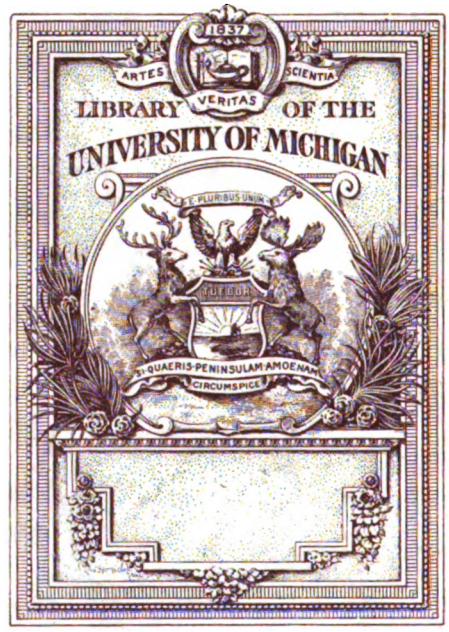

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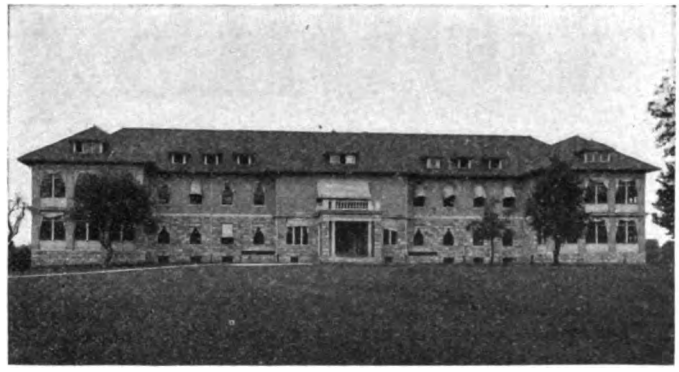

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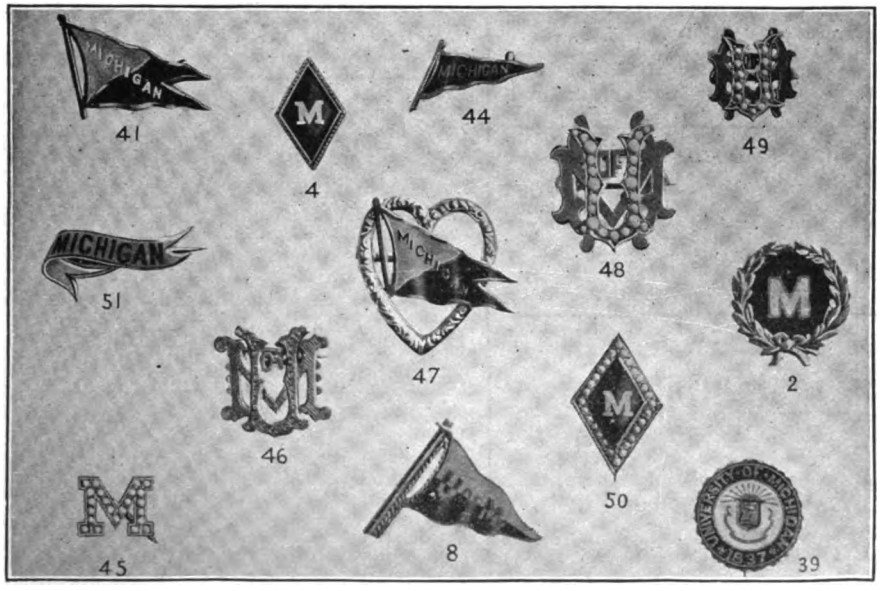

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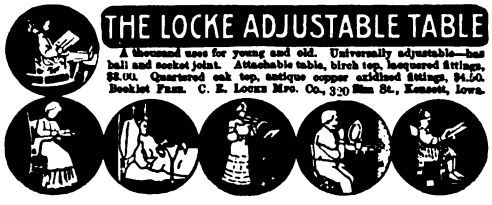
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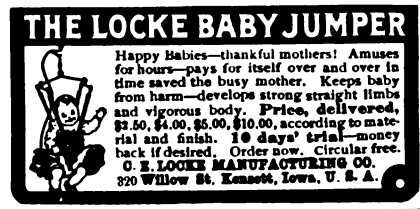
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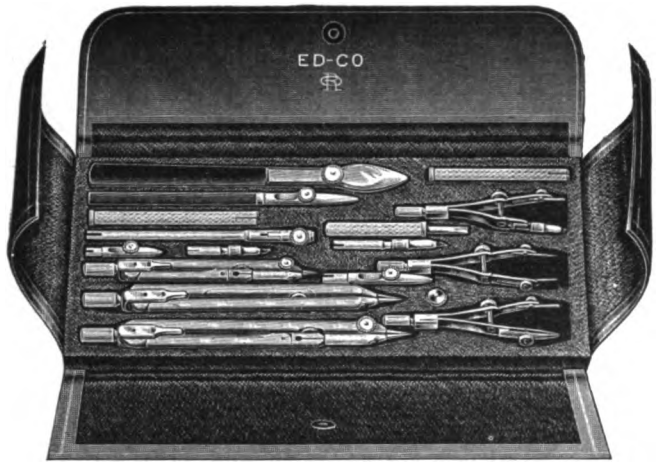

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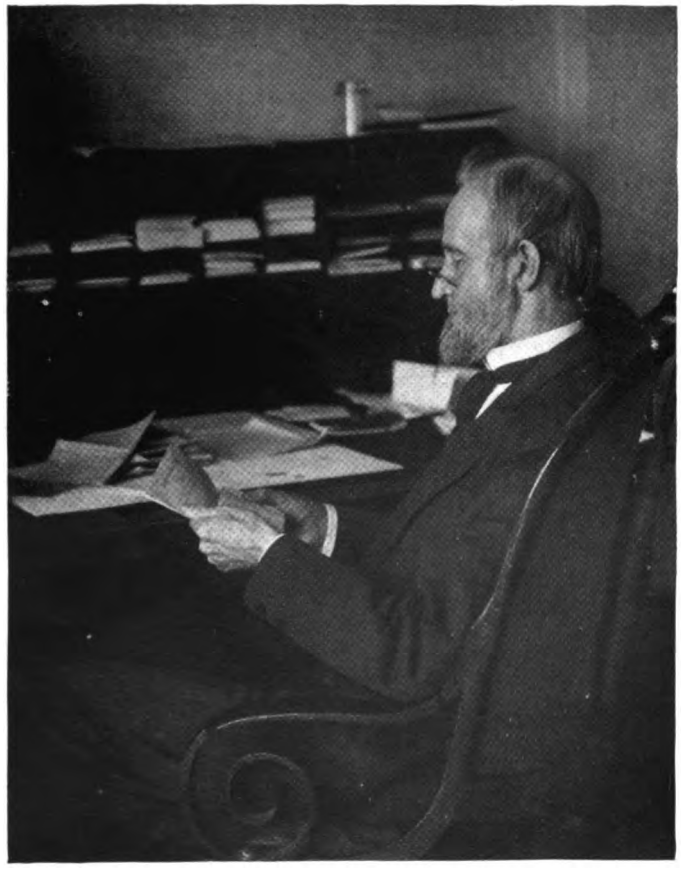

MICHIGAN PORTRAITS—VII

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Taken while Judge Cooley was unaware of the fact, at his desk in the office of the Interstate Commerce Commission, Washington, D. C.

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THE MICHIGAN ALUMNUS

VOL. XIII OCTOBER, 1906 No. 117

EVENT AND COMMENT

GIFTS TO THE UNIVERSITY

During the past few months the University has received several valuable gifts which it is well to chronicle. ¶ The Reverend Father O'Brien of Kalamazoo, hon., '94, last spring presented to the Regents a large oil painting by Romanelli, entitled "The Triumph of Bacchus." The picture has been set up temporarily in the art gallery, prior to being placed in the ceiling of the General Library, where a panel will be provided for it midway between the two entrance doors. The picture, which represents Bacchus and a nymph drawn in a chariot by two loapards is rather typical of the early seventeenth century classical school. It has had a rather interesting history. It was painted for some member of the Nerli branch of the Barberini family,—Romanelli was a *protegé* of Cardinal Barberini's—and was used as a ceiling decoration in their palace at Rome. When the French took possession of the imperial city and Napoleon proposed to widen the Corso in 1813, it became necessary to demolish the Nerli palace. In so doing the picture was damaged by fire and was removed by a French officer. He made a small parcel of it and placed it in a bag. For some reason, perhaps to avoid the scrutiny of his government, he gave it into the hands of a Roman to be kept until he called for it. It was never sent for, and was next found in a small shop in Rome. There it was purchased in 1866. It was verified in Rome by judges as a real Romanelli and as such is very valuable. After many adventures, it came into the possession of Father O'Brien, who presented it to the University through Regent Levi L. Barbour. ¶ A number of fine stained glass windows have also found their way into the General Library through the generosity of the Librarian, Mr. Koch. Eight of these pieces will be placed in the windows above the apse of the reading room. Four are to be set in the side windows, two on either side, while the center of the apse will contain half windows with the printers marks of Aldus, Robert Copeland, John Siberch and Erhard Oglin. The two pieces which might be considered perhaps the gems of the collection will be used as a screen over the catalogue case and as the top of an archway, between the delivery desk and the catalogue room. These windows are all the work of Nicola D'Ascenzo of Philadelphia, an Italian artist who has been working in this country for seevral years. ¶ The University has also been enriched by a small collection of Egyptian antiquities, the gift of the Hon. A. M. Todd of Kalamazoo. The collection includes the mummy of a child, the mummy case of a priest, a mummified ibis, as well as various smaller items such as part of a sacrificial altar, a jar of grain, etc. As soon as possible the collection will be placed in a case in the museum. ¶ A valuable collection of geological

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works, the private library of the late Professor Israel C. Russell was presented to the University this summer by Mrs. Russell. The library contains about 3,000 titles, and, under the terms of the gift is to be kept separate as a memorial to the late Professor of Geology, and is to be regarded as a nucleus for a departmental library of geology. It is especially rich in valuable maps and monographs, obtained by Professor Russell in exchange for his own publications. The Regents at their last meeting formally accepted Mrs. Russell's gift and authorized the preparation of a room in the top of the Museum building for its reception. This room, which is to be fitted out with chairs and tables, will be known as the Russell room, and is to be used as a temporary geological seminary room. ¶ The University has also received a gift of some 450 medical items from Mrs. W. H. Young of Nashville, Mich. ¶ Reference to the report of the proceedings of the July meeting of the Regents in this number of THE ALUMNUS will also show the gift to the University by Mrs. Esther C. Nichols and Walter H. Nichols of Boulder, Colo., of a tract of land of 25 acres near Forest Hill Cemetery to be used by the University as a botanical garden and arboretum. A fuller report of this gift will be made in the next number of THE ALUMNUS.

PROFESSOR ADAMS' NEW WORK

Leave of absence has been granted to Professor Henry C. Adams for the coming year, in order that he may help organize the work of the Interstate Commerce Commission as provided for in the Hepburn Rate Bill which was passed at the last session of Congress. In his request for leave to the Board of Regents, Professor Adams said:

"My reason for submitting this request is that the Interstate Commerce Commission has asked me to organize a system of railway accounting and a bureau of railway inspectors as provided for in the twentieth section of the Act to regulate commerce. It is needless for me to say that I am greatly pleased at this opportunity of putting into effect a feature of the new law toward which, as Statistician of the Commission, I have been working since 1887. It gives me personal satisfaction also to think that this work satisfactorily accomplished will be a realization of a purpose which Judge Cooley as the first Chairman of the Commission regarded as essential to governmental supervision over railway rates." ¶ In carrying out this work for the Commission Professor Adams is to spend as much time as necessary in the examination of the accounting systems of the various railway systems in the country and then as a result of his investigation he will draw up a uniform system of accounting for all the railroads under the jurisdiction of the Commission. In this work he will be aided by a committee of eight representatives of the various roads. This body in turn will have the assistance of a larger committee composed of twenty-five members. It is the intention of the Commission that the uniform bookkeeping system which they expect to establish will enable the Commission to receive uniform reports from all the railroads, and at the same time it will prevent them from granting privileges which are essentially rebates, although they do not appear on the books as such. This work which Professor Adams has undertaken is in conformity with the general plan of the Commission to bring some uniformity into the general management of the railroads and to prepare uniform schedules and classifications of merchandise.

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THE COMING FOOTBALL SEASON

It is hard for THE ALUMNUS not to say something about athletics, but, as a matter of fact, there is very little that can be said at present. The situation, however, as it is developing both locally and national promises to be interesting. The new regulations governing intercollegiate relations and the new rules in football are certain to bring great changes. These have been discussed and considered from every point of view, but it still remains to be seen what will happen when they are put into actual practice. It is certain that the game will be more spectacular, and therefore of more interest to the average spectator, because of the open play necessitated under the new rules. Many who have followed the game closely in its development during the last few years, think that the element of chance will be a greater factor in the new game and that therefore it will be, by so much less, a contest of skill, in which the best team wins. It will also be more difficult to score. The element of danger, however, according to Coach Yost has been lessened considerably, by the adoption of the new open style of play. The elimination of the mass play has taken away one great source of accidents, and the new rules forbidding tackling below the knee and hurdling will also have their effect. ¶ The action of the Western Conference taken at Chicago last winter is also, of course, going to have a great effect upon the local conditions under which the game will be played. At one fell swoop the training table, preliminary practice, and the possibility of recruiting new material from the Freshman class, have been taken away, and seemingly the whole complexion of the conditions under which the game is to be played has been altered. The price of admission for students has also been lowered, and very rightly, but nevertheless the corresponding falling off in gate receipts is going to have its definite bearing on the situation at Michigan. The improvements on Ferry Field were planned,—and carried out as planned,—with the expectation of an income from the games, as great as that under the old regime, so that the change has made some difference. Nevertheless we believe that all these changes have been good, not that they are all, to an equal degree practicable perhaps, that time only will tell, but they have all been aimed toward one object, to make American sport and especially football, cleaner and better fitted for general participation by all college men,—a game more worthy of their enthusiasm and interest.

THE NEW FERRY FIELD

The extensive improvements on Ferry Field which were well nigh completed by the opening of the fall athletic season, have made it, with one exception perhaps, the largest and most complete in the country. And very properly; for we have at Michigan more students on the spot who can take advantage of the opportunities of such a field than there are at any other college in the country. This field is only another step in the direction toward which all athletic reformers are looking—a real popularization of sport—an incentive and an opportunity for everyone to "get in the game." The new athletic rules proposed by the conference last winter were framed with the idea in view of promoting a more general interest in local inter-class and inter-departmental games, and to lessen at the same time the exclusive and absorbing interest in the one great team from which only comparatively a few can possibly derive direct physical benefit. The new field, it is hoped, will help to bring about a new condi-

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tion. ¶ For the past three years the Athletic Association has been at work on the new field of twenty-eight acres, given by the Hon. D. M. Ferry of Detroit, lying between the old field and the town. When it is remembered that the old Regent's Field was only ten acres and that, with the new addition, Ferry Field comprises thirty-eight acres, those who are familiar with the athletic field as it used to be, will have some difficulty in realizing what an immense playground the University now has. Six years ago the accommodations were for only a few thousand at the most on the old grandstand and the small bleachers that were on Regent's Field. Now we have on Ferry Field, room for over thirty thousand, to say nothing of the old grandstand and east bleachers, left in place for next season's baseball games, which will still take place on the old diamond. The space between the old field and the new gridiron at the extreme north end of the field will be taken up by several practice football fields. Inasmuch as these fields have been recently sodded, they will be used only for games this year, as is also the case with the new University gridiron. A large area however is left for temporary practice ground. Tennis courts and a quarter mile running track have also been provided on the new field. The new gateway is also completed. It is built after the design published in THE ALUMNUS last May, and cuts off the northeast corner of the field, within two blocks of the State Street hill, thus bringing the new entrance nearly a quarter of a mile nearer the Campus.

THE NEW SCHOOL OF ARCHITECTURE

With the opening of the new year, the School of Architecture has become an accomplished fact. Professor Emil Lorch, head of the new department, has been installed in the new Engineering Building and has already twenty-one students enrolled. A schedule of courses has been carefully prepared, providing for students in architectural engineering, as well as architecture, although not all the work as outlined in the engineering announcement will be given the present year. These courses are to be conducted under the same plan as those in the other departments of the engineering school. The first year's work will be identical with all other divisions of the Engineering Department; the differentiation will begin with the second year. ¶ Students in this department, in addition to the architectural work, will be required to take courses in the history of Greek and Roman art, sixteen hours of modern language, and work in philosophy, commercial law, mathematics, physics, chemistry, geology, and a large amount of drawing, as well as work in civil, mechanical, and electrical engineering. Of the courses in architecture, which are offered by Professor Lorch, a number are of an introductory nature, treating of elementary design and architecture. These are to be followed by a large number of courses in architectural design, with problems in the planning and designing of buildings. At the same time illustrated courses in the history of architecture, ancient, mediaeval, renaissance, and modern, will be offered. There will also be work in the allied arts of design, specifications, and building construction. Professor Lorch, a sketch of whom appears in the March number of THE ALUMNUS, has entered into his work with enthusiasm and hopes to arouse more general interest in the study of architecture among the students. He is not only deeply interested in the work of his department, but hopes to make its influence felt in a wider field. He is already working upon a scheme for

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the improvement of the Campus which, in time, will bring some uniformity into the present architectural chaos.

THE 1906 SUMMER SCHOOL

The great increase in numbers attending the University during the past year has naturally shown also in the summer school. The past term has been the most successful in the history of the University; not alone in point of numbers but also in the interest and enthusiasm of those in attendance. The total number of registrations, including the students in the Engineering Department, who are required to take a course in summer school, was 1,034 as against 816 last year. Exclusive of the engineers the number was 789, an increase of 98 over 1905. This increase was also proportional in the Medical and Law Departments. Of the 805 students enrolled in the Literary and Engineering Departments 139 had degrees, and of these 73 were from other universities. Michigan, of course, furnished more than half of all the students; Ohio coming next with 60, New York 31, Indiana 27, Illinois 19, and Pennsylvania 17. ¶ The faculty of the summer school also established a course of lectures which were given in University Hall. They were remarkably well attended, averaging about 1,000 each time. The first was given by Professor Martin L. D'Ooge, July 6, entitled "A Cruise among the Islands of the Aegean." This was followed by a large reception given by the faculty of the summer school to students. On July 13, Kiyo Sue Inui delivered his prize oration on "The Mission of New Japan." On July 20, Professor William J. Hussey gave an illustrated lecture on "The Solar Eclipse in Egypt." On July 27, Professor A. C. McLaughlin delivered a lecture on "American History in Cartoon." This was also illustrated by slides. The series was closed by the organ recital given by Professor Stanley, July 30.

DR. ANGELL ENDORSES THE NEW HISTORY OF THE UNIVERSITY

This valuable work to the completion of which we have looked forward with such interest is now published by the University. It is a magnificent quarto volume of 392 pages, printed in the best style of the University Press, Cambridge, Mass. The history, which was the last work of the late Professor Hinsdale, occupies 164 pages. Biographies (numbering 393) of the Regents and members of the Faculties, prepared for the most part by the careful hand of Professor Demmon, and a brief appendix giving the salient features of the history since 1900, the date at which Professor Hinsdale's work closed, form the rest of the volume. Both the history and the biographies are profusely illustrated with excellent halftone pictures of the buildings and portraits of the founders, regents and professors.

Regarded as a piece of historical writing, Professor Hinsdale's work in this volume is masterly. With remarkable skill, in his first two chapters on the early history of Michigan and of the beginnings of its educational development, he gives us an appropriate background for his picture of the founding and development of the University. He then traces with his practiced hand the steps by which under its various forms of organization the University was gradually evolved as a natural Michigan growth under the guidance of wise and far-sighted men like Pierce and Crary and Tappan until it took on the University spirit which has long characterized it, and which early seemed to differentiate it in some important particulars from the

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old-fashioned American college. He makes it clear how this institution, under the wise control of men who had studied profoundly methods of higher education, so met the needs of a new western state that it became necessarily the model on which, in large degree, the other state universities have been builded. Throughout the whole work Professor Hinsdale's own grasp of educational problems and his intimate acquaintance with educational history lend peculiar value to his narrative. He writes in such warm sympathy with the Michigan view of the function of the University that his history will be read with pride and delight by every son and daughter of the institution.

Professor Demmon in furnishing the biographical sketches has performed a most difficult task with eminent success. He has been compelled to devote his spare hours for the last three years to this work. In a few cases, after long search, it was found impossible to procure the data desired. He may be congratulated on having gathered so much material and on having handled it so skillfully.

He has also had the responsible duty of arranging for the publication of the volume and of editing it. His work has been done with his well-known accuracy and good taste.

The alumni and friends of the University owe a debt of gratitude to Professors Hinsdale and Demmon for the preparation of this volume. For their sake, and for that of the University, it is hoped that it will have a wide circulation. Elsewhere in this issue of THE ALUMNUS it is stated on what conditions it can be secured.

JAMES B. ANGELL.

THE NEW COMMISSIONER OF EDUCATION

The August number of the *Review of Reviews* gives a sketch of Dr. Elmer Ellsworth Brown, '89, who has just been appointed United States Commissioner of Education by President Roosevelt:

"The President has appointed as successor to Dr. Harris Professor Elmer Ellsworth Brown, Ph.D., since 1893 professor of the theory and practice of education in the University of California. Dr. Brown was born in Chautauqua County, New York, in 1861, and is hence almost exactly at middle life, and from the standpoint of years is just ready to render his most successful and acceptable service. He was graduated from the Illinois State Normal University in 1881, after the thorough training in both science and practice of teaching given by that institution. In the fall after graduation he became the chief educational officer of the public schools of Belvedere, Ill., a position which he held with great acceptance for three years. From 1884 to 1887 he was assistant State secretary of the Y. M. C. A. for Illinois, thus coming in close contact with the life and thought and needs of young men in every walk of life throughout the entire state. He was not yet ready to give up his work as a teacher, however, and desiring a broader training for that profession, he again took up the work of a student at the University of Michigan and abroad, receiving his doctorate from the University of Halle (Prussia) in 1890. ¶ After a year as principal of the public school of Jackson, Mich., Dr. Brown became acting assistant professor of the science and art of teaching in the University of Michigan. Then came the call to the University of California, to the position which he resigned to accept his present office. ¶ In all his educational work, Dr. Brown has been peculiarly sound and trustworthy, letting practice wait upon well-considered theory and compelling theory to shape itself by and to the possibilities of practice. He has written and published much,—but not too much,—always with a certain clarity of style and soundness

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of reasoning which have been attractive and convincing. His personal qualities have made him friends everywhere, and there is every prospect that the continuity of the work of the Bureau of Education and the spirit with which this work has been carried by Dr. Harris will be practically unbroken under the present administration. This is a cause of very general satisfaction."

THE JUNE MEETING OF THE REGENTS

The Board assembled in the Regents' Room in the Law Building June 19; all the members were present with the exception of Regent Hill. Recommendations for degrees were made by the several faculties and on motion of the appropriate committees, were approved and the degrees, 797 in all, as published in the official list, were ordered conferred.—Frank Van Vliet, '02, and Lucius W. Elder, '05, were appointed holders of the George S. Morris fellowship in philosophy at $200 each for the coming year.—The Superintendent of the University Hospital gave notice that Edna Ward Oakley, Kathryn Lucella McCracken, and Myrtle Luther had completed the prescribed course in the Training School for Nurses and were recommended for certificates of graduation, which were granted by motion of the Board.—Allen M. Kline, '04, A.M. '05, was appointed holder of the Peter White fellowship in American history for the ensuing year.—Notice was given by Professor Frederick C. Newcombe that the Ferry fellowship in botany had been renewed by the Hon. D. M. Ferry of Detroit, and the Board passed a vote of thanks to Mr. Ferry.—The establishment of a course on foods and adulterations, to be given to the students in pharmacy, was ordered by the Board, and Instructor Calvin H. Kauffman, who has been working on half time, was given the additional work at a compensation of $100.—Provision was made for the partitioning off, and fitting up with shelves, of a portion of the basement of the University Hospital to be used as a store-room. Superintendent Reeve was also instructed to construct a crematory at the University Hospital for the purpose of burning surgical dressings and other refuse.—The following list of gifts to the Department of Engineering was reported by the Dean and on motion, the gifts were accepted, and the President was requested to convey the cordial thanks of the Board to donors: In civil engineering: from Lewis M. Haupt, C. E., of Philadelphia, a complete set of his published books and pamphlets, forty-two in number. In mechanical engineering: Roe Stephens Manufacturing Co., of Detroit, samples of four valves of their manufacture; from Western Tube Co., of Kewanee, Ill., samples of five valves of their manufacture; Wickes Brothers, of Saginaw, Mich., seven horse power Dake steam engine; this Company has also favored the department with special prices, amounting to substantial donations; C. C. Wormer Machinery Co., Detroit, Mich.; this Company has favored the department with specially low prices on steam engines, amounting practically to a donation. In Electrical engineering: Edison Illuminating Co., Detroit, a thirty kilowatt, 125 cycle generator for the electrical laboratory. Chemical engineering: Cutler-Hammer Co., of Milwaukee, controlling rheostat; Pittsburgh Reduction Co., a considerable quantity of metallic aluminum and aluminum oxide; Welsbach Co., Gloucester City, N. J., a quantity of valuable salts of thorium, cerium, lanthanum, neodymium and praseodynium. In mechanical and electrical engineering: Vulcan Electric Heating Co., Chicago, two Vulcan electric soldering tools,

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with others to come later.—A long list of appointments and reappointments in the chemical laboratory was submitted and approved for the year by the Board. Likewise a long list from the Medical Department was presented and approved.—A revised schedule of salaries of the men annually appointed in the Dental Department, showing an increase of the amount allowed in the budget of $1,300, was presented. The Board voted that the amount shown in the budget, namely, $4,700, must not be exceeded. —A schedule of work required for the Department of Architecture and Architectural Engineering was presented by the Engineering Faculty and approved by the Board and its publication authorized in the engineering announcement.—Walter T. Fishleigh, *'02-'06e*, was made instructor in descriptive geometry and drawing, salary $1,200, and M. E. Emswiler, M.E., was made instructor in mechanical engineering at $1,200. In the Department of Engineering a number of assistants were also appointed.—The Dean of the Department of Engineering reported the following list of special lecturers before the engineering students during the last academic year: David H. Brown, Ph.B., Copper Cliffs, Ont.; "Copper and Nickel Alloys"; Samuel S. Wyer, M.E., Columbus, Ohio; "Producer Gas and Gas Producers"; Lewis M. Haupt, C.E., Philadelphia; "Commercial Waterways."—$15,000 was set apart from the building fund for the equipment of the new engineering building. —Irving King, Ph.D., was appointed Assistant Professor of Education and Inspector of Schools for one year, at a salary of $1,600.—James Holden, Contractor of Detroit, was paid $5,000 for building four houses on lots belonging to the University in Detroit. —Upon recommendation of the Dean of the Law Department, Assistant Professors John R. Rood and Edson R. Sunderland were appointed to professorships in the Law Department, and Junior Professor Joseph H. Drake was promoted to full professorship with the general title of Professor of Latin, Roman Law, and Jurisprudence and the title of Professor of Roman Law and Jurisprudence in the Law Department.—A number of instructors, lecturers and non-resident lecturers in the law department were appointed or reappointed. — Glass hoods were ordered placed over the outside doors of the Library building. —The Board then adjourned and reassembled in the afternoon with Regent Hill in his chair.—Robert Hall Tripp, A.B. 1861, was given the degree of Doctor of Philosophy as of the class of 1878.—Morris Palmer Tilley, Ph.D., was appointed Assistant Professor of English for three years at a salary of $1,600.—A number of assistants in history and a number of assistants in physics were appointed.—Upon the recommendation of the Law Faculty the degree of Master of Laws was conferred upon Robert Stephenson Simons.—$15,000 from the building fund was appropriated by the Board for the new equipment in the Observatory.—$50 was appropriated by the Board to aid the Students' Christian Association in the publishing of the hand book of information for new students.—The salaries of Professor Stanley, Assistant Professor Strauss and Instructor H. S. Smalley were ordered increased.— The Board then adjourned until the following morning.—Upon reassembling the degree of Bachelor of Laws was conferred upon Pliny Bent Smith, A.B. 1865, as of the class of 1871, and according to the recommendation of the Law Faculty.—Also, the degree of Bachelor of Arts was conferred upon Mrs. Myra Beach Jordan, Woman's Dean, as of the class of 1893, in accordance with the recommendation of the Executive Committee.—Also, the honorary degrees were recommended as given in the

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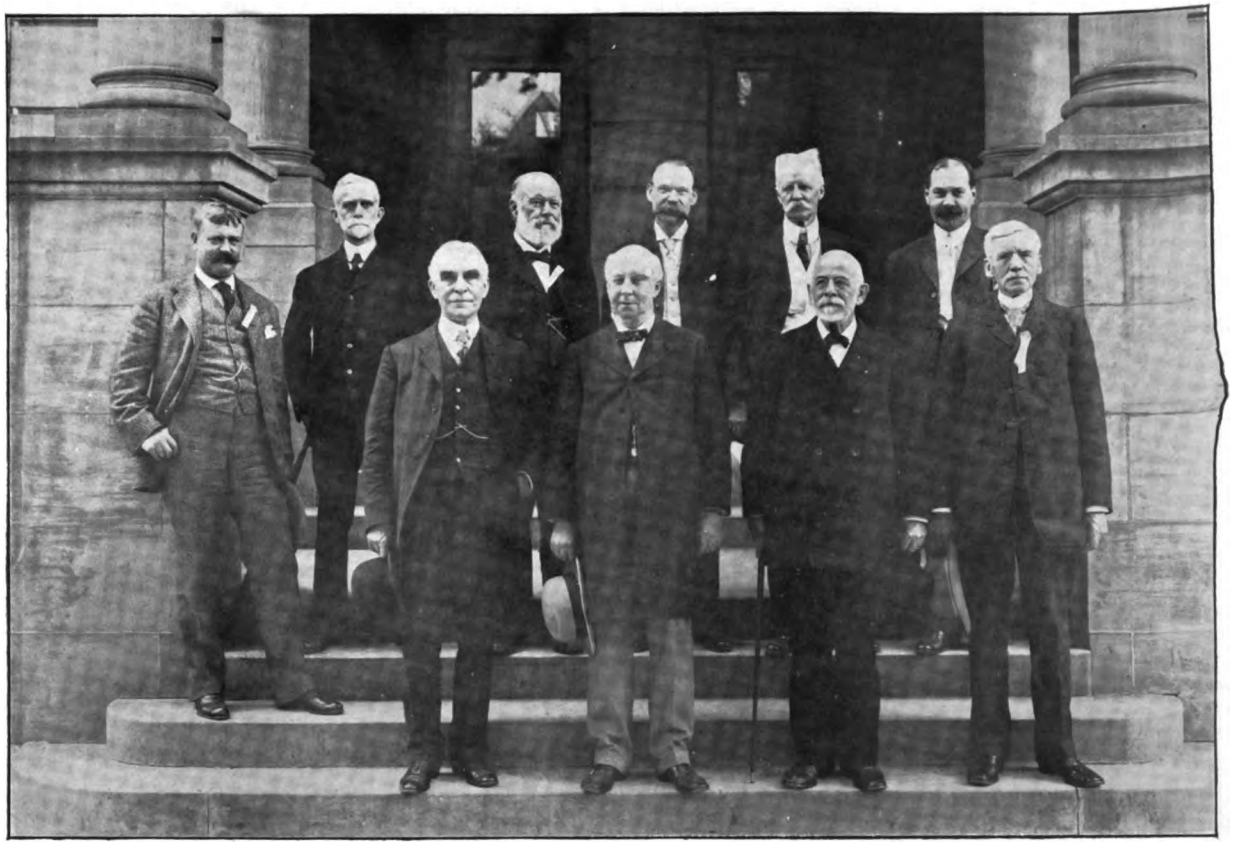

THE BOARD OF REGENTS OF THE UNIVERSITY OF MICHIGAN

F. W. FLETCHER, ALPENA — LOYAL E. KNAPPEN, GRAND RAPIDS — PETER WHITE, MARQUETTE — H. W. CAREY, EAST LAKE — LEVI L. BARBOUR, DETROIT — W. H. SAWYER, HILLSDALE

ARTHUR HILL, SAGINAW — PRESIDENT JAMES B. ANGELL — HENRY S. DEAN, ANN ARBOR — JAMES H. WADE, SEC'Y

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July number of THE ALUMNUS.—The Board then adjourned.—Upon reassembling in the afternoon the Board acted upon a recommendation made by the Dean of the Engineering Department promoting Instructor B. F. Bailey to an Assistant Professorship in Electrical Engineering, and giving the place thus left to Instructor Henry H. Higbie.—Bertha S. Stewart was placed in charge of the swimming tank in the woman's gymnasium for the summer session and a compensation was authorized by the Board.—Superintendent Reeve was authorized to spend a sum not exceeding $500 for new horses.—It was voted by the Board to set apart $4,000 from the Bates fund as a budget for the Chair of Diseases of Women and Children in the University Hospital for the ensuing year.—The Secretary was authorized to purchase a stereopticon for general use on the Campus at a cost not exceeding $140.—The Board also authorized the payment to the families of Professors Pattengill and Russell of their full salary for the year, less the amount paid for the carrying on of their work during the remainder of the last year.—Regent White brought before the Board the question of sending Instructor Charles A. Davis and an assistant to the Upper Peninsula during the summer months in the interests of the museum and stated that he and Mr. Bryant Walker of Detroit would give $100 each, as well as procure free transportation from Detroit, in order to make this possible. The proposition of Regent White was accepted with the thanks of the Board to himself and also to Mr. Walker.—O. C. Marckwardt, '01, was appointed instructor in rhetoric to fill the vacancy caused by the resignation of Carl C. Tarbox.—The articles of agreement between the University Musical Society and the Students' Lecture Association were presented to the Board and approved. These articles provide that 33 1/3% of the net profits of the Lecture Association shall be applied to the payment of the debt on the organ in University Hall until its liquidation, and that the Students' Lecture Association shall also continue to enjoy the privilege of offering on its course at least one musical number, but this number is not to consist of any artist or organization with which the Musical Society desires to contract for its course of entertainments.—The Board then adjourned until the following day, Thursday, June 21.—It was unanimously voted to pay Paul C. Meyer and his wife $800 for lot 107, in block 3, R. S. Smith's third addition, according to the recorded plat thereof, when the deed should be properly executed.—The thanks of the Board were conveyed to Mr. Bliss Perry for his Commencement oration, and a copy was requested for publication.—The invitation of Regent Fletcher to hold the next meeting on board his yacht on the Detroit River was gratefully accepted.—The meeting then adjourned until Wednesday, July 25.

THE JULY MEETING OF THE REGENTS

The Board met July 25, on Regent Fletcher's yacht in Detroit, with all the members present except Regents Knappen and Hill.—The resignation of Inspector H. W. Dubee, who had accepted a professorship in German at Beloit College, was read and accepted.—It was voted by the Board that leave of absence be granted to Professor H. C. Adams for one year to organize a system of railway accounting for the Interstate Commerce Commission, with the understanding that he should provide for the continuance of the work in his department during his absence.—The revised list of salaries in the Department of Dentistry, being $500 more than was first requested, was adopted.—Louis A. Hopkins, A. M., was ap-

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pointed instructor in mathematics in the Engineering Department for one year.—The gift to the Department of Engineering, by the New England Butt Co., of a twenty-strand braider, a machine for braiding coils such as enclose electric wire, was accepted and the thanks of the Board were ordered returned for the gift.—In accordance with the information received by the Board, that models in the Patent Office at Washington would be presented to engineering schools, it was directed that application be made for such as were desired and room provided for them.—An appropriation of a sum not exceeding $100 was voted for a case in which to exhibit the Egyptian antiquities presented to the University by the Hon. A. M. Todd of Kalamazoo.—Another edition of the catalogue of the art collection was ordered to be printed by the University Press as it is prepared by Professor D'Ooge. A sum not exceeding $125 was appropriated for the expense of printing.—A number of instructors and assistants were appointed for the summer school.—The Board also received the following communication from Professor Newcombe:

Ann Arbor, Mich., July 21, 1906.

Through the generosity of Dr. Walter Nichols and wife, graduates of this University, now of Boulder, Colo., the University is offered land for a botanical garden and arboretum.

The land comprises about 30 acres, on the eastern boundary of Forest Hill cemetery, with a frontage of 8 to 10 rods on Geddes Ave., and widening to 40 or 60 rods northward toward the Huron river.

In this University we have been able to work without a botanic garden, because we have been able to use the whole surrounding country for our field of study. But one can foresee that in twenty-five years the farmers' woodlots will be put under cultivation for timber, the bogs will be drained, and no land will be left where vegetation can be studied in natural conditions.

The land of the proposed donation is ideal for the purpose of bringing together in small area all the vegetation of this climate, giving to each plant society its characteristic conditions. The tract is made up of hills, ravines, level low land, a bog, and a rivulet. The northern part is sand, and the southern heavy clay.

It is the idea of the donors and myself that the tract of land could be treated and maintained at relatively small expense by restoring to these hills, ravines and meadows the natural grouping of plants, leaving them with a little aid to care for themselves. This done, the University students of the future and the school children would have a field within fifteen minutes' walk of the Campus where practically all the lessons taught by vegetation growth could be learned. Even now all these lessons can be taught only by excursions to many localities from two and one-half miles to five miles distant.

The terms offered by the donors are as follows:

1. The land offered includes all the so-called Nichols Farm except eight to ten acres of high ground extending from the eastern boundary of the cemetery to the ravine which runs northward from Geddes Ave. A street is planned to run along the western brow of this ravine, and when the street is located, it shall form a part of the western boundary of the tract proposed to be donated.

2. The land offered shall be used as a botanical garden and arboretum for the University of Michigan and the city schools of Ann Arbor.

3. The University shall employ a landscape gardener who shall lay out the grounds under the supervision of the University authorities.

4. Besides the expense involved in the foregoing provisions, the University shall expend annually for three (or five) years the minimum sum of $750 for planting and care.

Very respectfully submitted,
FREDERICK C. NEWCOMBE.

The Board also listened to a communication in regard to this property from Mr. George P. Burns, Park Commissioner of the city of Ann Arbor, and the preamble and resolutions adopted by the city of Ann Arbor providing for the joint maintenance of this tract, with the parcel of land owned by the city and lying between the Nichols farm and the river, by the city and the University. The two parcels of land, according to this agreement, are to be treated as one and are to be used as a botan-

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ical garden and arboretum for the University and the city schools. Roads are to be laid out and a competent landscape gardener is to be employed. Provision was also made in the resolutions for the joint bearing of the expense and maintenance of this land. A letter was also read from Mrs. Esther C. Nichols and Walter H. Nichols, the donors, approving the plan. On receipt of these and after careful consideration of them, on motion of Regent Carey and by a call vote the following preamble and resolutions were adopted:

Whereas, Dr. Walter H. Nichols and wife propose to present to the University of Michigan a parcel of land of about 30 acres, whose exact boundaries are to be determined later, and the use of which is to be for a botanical garden and arboretum for the University and the schools of the Cit of Ann Arbor.

Resolved, That the Board of Regents hereby agree to accept the said parcel of land for the purpose named, to employ a landscape gardener to lay out the grounds under the supervision of the University authorities, and to expend annually for three years a minimum sum of $750 for planting and care.

The request from Professor Edward H. Kraus for cases to be placed in the Mineralogical Laboratory for the preservation of a large demonstration collection of crystal models was granted and a sum not exceeding $50 was appropriated for the construction of these cases.—John S. Bordner was appointed Ferry fellow in botany at an income of $500.—A number of other appointments were also made. —The contract made by Secretary Wade in behalf of the Regents with the Sunday Creek Coal Co. for the purchase of 15,000 tons more or less of Hocking run of mine coal at $2.40 per ton f. o. b. Ann Arbor, Mich., and also of the bond for $5,000 of the American Surety Co. of New York, furnished by the Sunday Creek Co. for the execution of their contract, was approved by the unanimous vote of the Board.—The proposal of Regent White to turn over to the Board $300, which he had paid into the treasury to be used for a fellowship, which circumstances had made unavailable, to be used in meeting the expenses incurred in receiving the gift of land from Dr. and Mrs. Nichols was accepted with the thanks of the Board.—A partial report of the finance committee was made by Regent Carey on the subject of revising the University's method of bookkeeping, and it was voted that he be requested to have the work continued if necessary and that Mr. Harpham be sent to the University of Wisconsin to study the method adopted there and to report further progress at the next meeting.—Dr. Dana B. Casteel, Curator of the Museum, was appointed instructor in zoology in place of Raymond C. Pearl, resigned, and Dr. A. G. Ruthven was appointed Curator of the Museum in place of Dr. Casteel.

THE SEPTEMBER MEETING OF THE REGENTS

The Regents met Sept. 25 in the Regents' Room in the Law Building with all the Board present except Regent Fletcher. The President's report was read and accepted by the Board, and the usual number ordered printed.—The Treasurer's report was also read and accepted by the Board. —The Board declined the invitation to make an exhibit at the Jamestown Exhibition, inasmuch as the condition of the treasury will not permit.—Judge C. B. Grant appeared before the Board in behalf of the Memorial Committee of the Alumni Association, and stated that it was the intention of the Committee to erect a building costing $175,000, and explained to the Board the plans which has been drawn up for the same.—Upon recommendation of the Faculty of the Homœopathic Medical College the degree of M. D. was conferred upon Howard

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Bligh Kinyon.—Leave of absence was granted Assistant Professor Lyman F. Morehouse for one year, with permission to apply for extension. He will go to London in the service of the Western Electric Company of Chicago to study conditions of the telephone industry in Great Britain especially, and to act as the Company's special advisor to the British Postoffice Bureau during the process of installing Pupin loading coils.—William F. Hauhart was appointed instructor in German for one year at a salary of $900 in place of Mr. Dubee, resigned.—George F. Hunt, B. S., was appointed instructor in descriptive geometry and drawing for one year with a salary of $900, in place of Arthur E. Palmer, resigned.—Frank R. Finch, Ph.B., was appointed instructor in descriptive geometry and drawing for one year with salary of $900, in place of Howard B. Murphy, resigned.—Charles R. Swineford, B.S. (M. E.), was appointed instructor in descriptive geometry and drawing for one year at a salary of $900.—John Schmutz was appointed instructor in surveying for one year at a salary of $1,200.—George G. Stroebe, Ph.B., was appointed instructor in civil engineering for one year at a salary of $1,200 in place of Frederick C. Wilson, resigned.—James E. Fulcher, C.E., was appointed instructor in civil engineering for one year at a salary of $1,200.—Alfred H. Knight, M.E., was appointed instructor in mechanical engineering for one year at a salary of $1,200.—F. A. DeLay, B.S., was appointed instructor in electrical engineering for one year at a salary of $1,200.—Dr. William J. Herdman was granted leave of absence for one year, with a continuance of salary on condition that he provide a suitable substitute. His salary was also increased to $2,500.—It was decided by the Board to locate the telephone exchange in the Engineering Building. It was directed that all University buildings should be connected.—The thanks of the Board were ordered returned to Librarian Theodore W. Koch for his generous gift of stained glass windows, which are to be placed in the General Library.—Clifford C. Thomas was given the degree of Ph.C. in accordance with the recommendation of the Faculty in the Department of Pharmacy.—The following letter from Mrs. Israel C. Russell was then read:

"To the Honorable Board of Regents:

I take pleasure in presenting to the University of Michigan in memory of my husband, Israel C. Russell, his geological library with such maps and lantern slides as were of use in his lectures.

I would like this library to be kept as a departmental library and to be called the 'Russell Library' if this meets with your pleasure.

Very sincerely,
J. AUGUSTA RUSSELL."

The Regents passed a vote of thanks to Mrs. Russell and appropriated a sum not exceeding $350 to provide shelves for the library and to prepare a room in the Museum for the geological laboratory and seminary room.—In accordance with the recommendation of the Faculty in the Department of Law, Charles Orin Briggs and John Jenkin Owen were given the degree of LL.B.—The fee for the teacher's diploma was increased from $1 to $2.—The following nurses were granted certificates of graduation: From the University Training School for Nurses: Georgine Elizabeth Johnson, Marion Jean Parks, and Marietta Tanner. From the Homœopathic Training School for Nurses: Ivah Electa Matthews, Bertha Ella Clark, Lucy M. Panney, Pearl L. Hoaghe, Genevieve Read, Jessie S. Bassett, Jennie Middleton, Ethel A. Gray, Sophronia Pearl Hutchinson, and Ida Marion Nunneley.—The Board then adjourned until Friday, Oct. 26.

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A SYMPOSIUM

ON THE VALUE OF HUMANISTIC, PARTICULARLY CLASSICAL, STUDIES AS A PREPARATION FOR THE STUDY OF MEDICINE AND OF ENGINEERING, FROM THE POINT OF VIEW OF THE PROFESSIONS

I. STATEMENT OF THE PROBLEM.

FRANCIS W. KELSEY.

In the past twenty-five years the professional schools of the United States have made great advances in the enlargement and strengthening of their courses. This expansion has involved, directly or indirectly, a readjustment of the requirements for admission. As was to be expected, the tendency has been to exact or encourage a more extended preparation of the student before he enters upon professional studies; and of late many professional schools have thrown their influence in the direction of making a fixed requirement of the whole or a part of a collegiate course as furnishing the desired preliminary training in the best way.

In the meantime, however, the collegiate course, toward the utilization of which for preliminary training the professional schools have been advancing, has in most institutions undergone a complete transformation. Twenty-five years ago it was a fairly stable aggregation of studies, which were pursued in a fixed order and which, when viewed as a whole, were assumed to be both disciplinary and liberalizing; room for the following out of an individual bent, or the indulgence of special tastes, within reasonable limits, was thought to be afforded by lines of cleavage separating the required studies into groups, each group leading to a different bachelor's degree; and by the offering of a limited number of alternative studies, under the name of electives, in the later years of the course. But now, in a large proportion of the more prominent colleges and universities the distinctions between the bachelor's degrees have been obliterated, the degree of Bachelor of Arts being given indiscriminately to all students who have completed a specified amount of work; the restrictions upon the choice of studies have been almost wholly removed, and the opportunities for choice have been surprisingly extended by the multiplication of courses. The freshman who enters the Literary Department of the University of Michigan the present month as a candidate for the degree of A.B., will be required to do only 6 hours of work (in Rhetoric) out of a total of 120 hours necessary for graduation; the remaining 114 hours he may choose, practically "without let or hindrance," out of a total of no less than 698 courses of study,* the only restrictions

* Distributed by subjects and departments as follows:

	COURSES
Greek and Greek Art	20
Latin and Roman Art	38
Roman Law and Jurisprudence	6
Sanskrit	3
General Linguistics and Comparative Philology	3
Semitic Languages, History and Literatures	23
Hellenistic Greek	4
French Language and Literature	36
Italian and Spanish	12
Germanic Languages and Literatures	53
English	22
Rhetoric	16
Elocution and Oratory	9
Music	13
History and Government	47
Philosophy	37
Science and Art of Teaching	43
Political Economy and Sociology	41
International Law	2
Bibliography	2
Mathematics	43
Physics	26
Chemistry and Metallurgy	51
Physiological Chemistry, Bacteriology and Hygiene	12
Astronomy	7
Mineralogy	8
Geology	9

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(more formal than material) being the limitation of the freshman to three lines of work out of a possible nine, the current practice of the larger departments making the completion of less advanced courses a condition of admission to the more advanced, and the necessity of obtaining "special permission" in some cases before a course can be taken for credit.

This casting aside of the restrictions that formerly hedged in the student pursuing collegiate studies has transferred the responsibility of mapping out his course from the faculty to the student himself. It is not worth while to inquire whether, on a priori grounds, a course of study covering 120 hours with 114 hours selected by the student himself out of more than 650 possibilities might be expected to be of greater educational value than a course in which one-half or two-thirds of the work should have been prescribed in advance by a faculty composed of men presumed to be expert in such matters. It would obviously be unfair to judge of the success of such a selection of studies by all the students of a class from the character of a few examples; yet as illustrating the possibilities of the present system I give a half-dozen courses of study selected and pursued by graduates of the Literary Department of the University of Michigan who received the degree of A.B. last June.*

General Biology and Zoölogy	28
Botany	28
Forestry	12
Physiology	5
Pharmacology	2
Anatomy	6
Anthropology	2
Histology and Histogenesis	6
Drawing	18
Architecture	5
Total number of Courses	698

* For these statistics I am indebted to Professor A. G. Canfield, who has tabulated the courses of study of the literary graduates of 1905 and of 1906.

I. Course of Mr. B.

	HOURS
Chemistry	84
All other departments	36
Total	120

Of the 36 hours taken by Mr. B. outside of the department of chemistry 3 (in Physiological Chemistry) might properly be classed with the chemical group of studies, making a total of 87 hours in closely related lines of work. The 33 hours remaining were distributed as follows: Rhetoric, 6; Hygiene, 6; Botany, 1; Mineralogy, 5; Physics, 8; and Mathematics, 7.

2. Course of another Mr. B.

	HOURS
History and Political Economy	93
All other departments	30
Total	123

Two of the 30 hours of this student were given to lectures in International Law, which ought to be reckoned with the hours given to History (38) and Political Economy (55), making a total of 95 hours, more than three-fourths of the entire collegiate course, in lines of work almost or quite as closely related as are the studies classed together in the department of Chemistry. Of the remaining 28 hours, 6 were given to Rhetoric, 8 to French, 2 to Philosophy, 4 to Mathematics, and 8 to Chemistry.

3. Course of Mr. C.

	HOURS
Political Economy	63
All other departments (including 14 hours in History and 4 in International Law)	58
Total	121

Mr. C's studies, outside of those already specified, were as follows:

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Rhetoric, 6 hours; Elocution, 2; French, 16; German, 8; Chemistry, 8.

4. Course of Mr. H.

	HOURS
Political Economy	61
All other departments	63
Total	124

Mr. H's elections were: Rhetoric, 6 hours; Elocution, 2; Hygiene, 3; Philosophy, 2; History, 9; Botany, 2; Physics, 8; French, 21; German, 10.

5. Course of Mr. P.

	HOURS
Chemistry	100
All other departments	25
Total	125

Of the 25 hours which Mr. P. devoted to other subjects besides Chemistry, 5 were given to Mineralogy, 8 to Mathematics, 8 to French, 1 to German, and 3 to English.

6. Course of Mr. S.

	HOURS
History and Political Economy	83
All other departments	37
Total	120

Of the 37 hours which Mr. S. passed off outside of History (34 hours) and Political Economy (49 hours), 4 hours were given to courses in International Law, which belong in the group with History and Political Economy, so that his total in that kind of work should be reckoned at 87 hours; his other elections were: English and Rhetoric 9 hours, Philosophy 5, Science and Art of Teaching 11, Mathematics 8. Having completed the requisite number of hours for graduation, he could not, under the rules, be barred from receiving a diploma although he had had conditions in two four-hour courses (in Political Economy and German), which he never removed.

The old collegiate course, whatever its shortcomings (and probably no one would wish it back), had at least the merit of standing for something definite in the way of attainments, discipline and recognition; the present course is a chaos of studies, through which the student follows the line of least resistance. For the serious and mature student, whose tastes and capabilities are already symmetrically developed, the line of least resistance is that of special interests, and though ignorance may cause him to make bad blunders, a sound judgment may lead him to choose his work on the whole wisely; for the student who wishes to go through college with the smallest expenditure of effort, and who particularly needs the discipline of a collegiate course, the line of least resistance will be the most available combination of easiest courses. The former, from a perverse notion—unhappily current—regarding the desirability of early specialization, may unwisely accumulate hours in any group of subjects in which he is particularly interested; the latter will generally so far as possible avoid the languages, mathematics and the sciences, because these require close daily preparation, and will tend to accumulate lecture courses, trusting to his ability to "cram" or to "bluff" (if I may be pardoned for using the students' own term), to carry him through his quizzes.

The great majority of students fall between the two extremes; yet often pitiable is the perplexity of the freshman, unfamiliar with college ways, who wishes to do what is best but finds himself unable to grasp the problem of course-making, a problem forced upon his immature mind in a stage when neither his mental powers nor his range of experience supplies the conditions adequate for a satisfactory solution. Bitter regrets come sometimes before graduation, more often after. A recent graduate remarked the other day, "The best plan

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is for the student to take two years in a small college (with a prescribed course), and then come to the University."

Apart from all consideration of educational values, the collegiate course which allows the student from beginning to end to follow the line of least resistance does him an irreparable injury. The collegiate course, as all are agreed, corresponds with that period of growth and development when a general rather than a special preparation is made for life. But in actual life it is unsafe to assume that either our environment as a whole or the daily problems that are set for us to solve will be of our own choosing. How many of us are doing, day by day, the things which we should prefer to do? That education best fits a man for life which encourages initiative by allowing a certain amount of freedom, yet sets him many tasks, in themselves fruitful and suited to his strength, and then sees that he does them in the best way, guarding especially against an overtraining in a particular direction at the expense of a symmetrical development. On the other hand, the system that allows the student to follow the line of least resistance will not only make possible a development so unsymmetrical as to appear like a travesty of education, but will cultivate in him a yielding temper, that will recoil before unexpected difficulties and shrink back, appalled, in the presence of those complicated situations which in this world constantly confront the man who accomplishes results.

Such being the chaotic condition of collegiate education, the professional schools are confronted with a twofold difficulty. In the first place, they frequently make complaint that the students who have completed the present collegiate course are not so well able to carry the heavy and exacting work of the professional course, which allows slight freedom of choice, as were the students who came up through the old collegiate course of studies wholly or in large part prescribed; and in the second place, the collegiate course has in many institutions so lost all semblance of unity and consistency that whether the first two years, or the whole course, should be made a fixed requirement for admission to the professional school, it would be unsafe to assume that the student entering with such preliminary training had had any particular line of work, or had even learned how to study according to the professional standard. Under such circumstances it has become necessary for the professional schools which are raising their requirements for admission, for their own protection, to abandon all attempts to utilize the preparation of the collegiate course by requiring in general two years of collegiate work, or even a collegiate degree; they are forced rather to project back into the chaotic collegiate course a grouping of the studies which the prospective professional student may select to best advantage.

It is desirable, on many grounds, that this adjustment between professional and collegiate study should be made as complete and as soon as possible, particularly in the case of universities having collegiate and professional departments on the same campus. It was therefore thought best to invite representatives of the departments of Medicine and Engineering to discuss, at the Classical Conference held in Ann Arbor at the end of last March, the value of the humanistic studies, a group which would naturally be taken into account whenever the task of laying out a course preliminary to professional study is seriously undertaken. The discussion on the Medical side was conducted by Dean Vaughan, Dr. de Nancrède and Dean Hinsdale; for the Engineering side by Professors Sadler, Williams,

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CHARLES BAIRD
GRADUATE DIRECTOR OF ATHLETICS

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Patterson and Associate Dean J. B. Davis. The papers and remarks of the former immediately follow; those of the representatives of the Engineering department will be presented in the next issue of the ALUMNUS.*

II. THE VALUE OF GREEK AND LATIN TO THE MEDICAL STUDENT.

VICTOR C. VAUGHAN, PH.D., M.D., LL.D.
Dean of the Department of Medicine and Surgery.

Mr. Chairman and Gentlemen:

The disciplinary value of the study of the classics has been generally recognized by educators for hundreds of years, and it is no less today than it was a generation ago. All teachers agree that there is no royal road to knowledge, and this sentiment has been attested by such axiomatic phrases as, *non palma sine pulvere, ad astra per aspera,* etc., which all have approved and none denied since the time of Cicero and Sallust. *Nil sine magno vita labore dedit mortalibus,* "There is no excellence without great labor," is trite enough, but as true as trite; and now that we know more of the operations of the mental faculties than the best teachers of former generations knew, the truth of this old "saw" has been intensified to the *n*th power. No one can become a student of anything until he learns how to study, and he does this only under the whip of application. No knowledge, save that of the most superficial character, is easily acquired. Like gold, true knowledge lies beneath the surface, and he who would possess it must dig for it, and systematic education should begin in learning how to use the senses—the pick and shovel, as it were, of the mind. The five senses are the only avenues through which we acquire knowledge, and even the most brilliant pictures of our imaginations are but perceptions previously acquired through the senses, and subsequently rearranged and projected onto the sensitive retina of mental vision. Although we cannot define mind, we know something of its *modus operandi.* We know that the pyramidal cells of the cortex of the brain must be brought into relation with the non-ego; that this connection can be made only through the nervous mechanism of the special senses, and that this machinery does fine and effective work only when nicely adjusted under the guidance of long experience. Like the gastric cells, the pyramidal cells of the brain atrophy with disuse, as happens when fed upon predigested food; and if I may express an opinion here parenthetically, I will state that too much of this kind of pabulum is dealt out to the young in both our secondary and higher institutions of learning. There has been found nowhere a better training for the thinking apparatus of the young than the study of Latin and Greek. The great number and variety in the inflections of noun and verb render close attention an absolute necessity, and this, in and of itself, is of the greatest value in an educational way. Carelessness and superficiality are incompatible with any thorough study of Greek and Latin. Besides, with the close attention that the student must give to the variations in the structure of words, he soon begins to perceive

* The "Symposium" was published in full in the *School Review* for June. Through the kind assistance of the Board of Regents of the University and the courtesy of the publishers of the *School Review,* it has been possible to secure a number of reprints for distribution among teachers and students. Those desiring a copy may address (inclosing a two-cent stamp for postage): MR. LOUIS P. JOCELYN, Secretary Michigan Schoolmasters' Club, South Division Street, Ann Arbor, Michigan.

A similar symposium, on "The Value of Humanistic Studies as a Preparation for the Study of Law and of Theology," will form a part of the program of the next conference, in March, 1907.

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that these indicate variations in the shade of meaning, and then the joy of study takes possession of the student. His observation is sharpened, his perception becomes more delicate, and he finds increased pleasure in the intensity with which he seeks fully and correctly to interpret the author's meaning. And this habit of close observation, of attention to detail, of looking for fine distinctions and shades of difference, and the alertness of mind possessed by an individual of this habit, will be of inestimable service to him, should he choose medicine for his profession, both in his experimental work in the laboratory and at the bedside of his patient. This point in favor of the study of Greek and Latin, it seems to me, is not easily overestimated. Indeed, the progress of medicine is determined largely by the accuracy and precision with which observations are made. The careless or the superficial man is not suited either to the practice of medicine or to the conduct of experiments for the elucidation of medical problems. It is the painter who brings out detail, and not the impressionist, who is needed in scientific medicine. The best medical schools are rapidly advancing their requirements for admission, and now demand from two to four years of collegiate work, while the academic faculties are filling these two or four years largely with loosely regulated electives; and I am by no means certain that in fact the medical student of today has a better preparation for his professional study than his prototype of fifty or more years ago, William Harvey, whose keenness and accuracy of observation led to the discovery of the circulation of the blood, after many years devoted to the classics, gave five to the study of medicine, and his fitness was proved by his work.

The direct value of Greek and Latin, especially of the former, as aids to the exact meaning of medical terms, as shown by their derivations, is disputed by no one. But some do claim that the giving of from four to six years, or even more, to the digging of Greek roots and the trimming of Latin stems is too big a price to pay for the result, however valuable it may be; and possibly this is right, if the student gets nothing but a knowledge of etymology from his classical studies, and if the time and energy given to the classics are so excessive that he cannot seek knowledge in other fields. The education that best fits one for the study of medicine certainly should not be narrow, and I would not have the preliminary training of the prospective medical man confined to Greek and Latin, nor would I give to the classics an undue share of time and energy. But when, in addressing my medical students, I use a new term—for instance, when I speak of a "toxicogenic bacillus" or a "pathonogmonic symptom"—I can easily distinguish the students who have a fundamental knowledge of Greek from those to whom this basic language—certainly basic so far as medical terms are concerned—is indeed a dead language. Years of frequent and careful consultation of the dictionary may make good this plainly evident deficiency, which, however, does not exist for the student who has been drilled in Greek in his preliminary education. Medicine is, now at least, a rapidly progressive science, and even the dictionaries do not keep pace with its advancement. It not infrequently happens that an earnest medical student comes to me with the statement that he cannot find a certain word—"galactotoxismus," for instance—in his dictionary. If such a student had had a fundamental training in Greek, he would not have needed to consult a dictionary in order to ascertain the meaning of this word. Besides, I am of the opinion that the best dictionary, frequently consulted, cannot give to one wholly

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ignorant of Greek the correct, clear, and full appreciation of the meaning of such a word as "sitotoxismus" as comes unsought to the one versed in Greek. Of the two languages, Greek is of much more value than Latin as an aid in the comprehension of medical terms; and it seems to me regrettable that at least two years of good, solid work in Greek cannot be demanded as an unconditional requirement for admission to our medical schools.

It has been said that the use of Latin names in medicine, and especially in the writing of prescriptions, is pure affectation and should be discontinued. This statement is wholly erroneous and could be made only by one grossly ignorant of the facts. The word "salt" may mean any one of a thousand compounds, but "sodii chloridum" and "magnesii sulphas" are definite and signify definite compounds, and are capable of only one interpretation, be the reader English, French, German, Russian, Italian, or Spanish. For the purpose of designating a certain plant, or the extract of a certain plant, the common name cannot be used, because it may not be the same even in different sections of the same country, while the scientific or Latin designation is the same the world over. The language employed by an exact science, like chemistry or bacteriology, must be one which has already crystallized, and not one which means one thing today and may have quite another meaning a year from now, or even a century in the future. We must not forget, even in the pursuit of the rapidly growing modern sciences, that there is also a science language, and that it, like everything else mundane, comes into existence, goes through a process of evolution, suffers modifications from its environment, and does not crystallize into exactness until it is no longer used orally; and not until this final period is reached, and it is no longer subject to material modification, does it become the suitable form for exact, scientific expression.

I have given thus briefly and imperfectly some of the reasons of a practical character as to the value of Greek and Latin to the prospective medical student. There is much more that might be said. The boy who has not studied these languages has missed the full and satisfying pleasure that comes to him who reads in the original the wonderful epic of Homer and the stately lines of Virgil, has caught the full force of the eloquence of Demosthenes and of Cicero, has had a bout with Horace and helped Cæsar build his wonderful bridge; and *mirabile dictu*, I believe that the boy who has had the wider view given by a study of the classics will be all the stronger in both experimental and practical medicine on account of the knowledge and wisdom gained from the wise men of Greece and Rome.

III. DISCUSSION OF DR. VAUGHAN'S PAPER.

CHARLES B. G. DE NANCREDE, A.M., M.D., LL.D.

Professor of Surgery, University of Michigan.

Mr. Chairman, Ladies and Gentlemen:

I esteem it a privilege to address this assembly for any cause, but chiefly, I confess, because it lies in your province, and you have the power, to do what I hope will be done in the near future — restore the study of Greek to a proper position, so far as my profession is concerned.

You cannot discuss a paper without disagreeing with the statements contained in that paper. Now, I do not disagree with Dr. Vaughan, in the slightest particular. As a teacher of medicine who has been working at it for thirty-seven years, I surely

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ought to be able to appreciate the importance of what Dr. Vaughan has said. While I cannot say anything in addition, I wish to lend my support and give as much emphasis as possible to each of his contentions; for an additional favorable opinion in any controversy adds to the weight of the arguments adduced and to the strength of the position taken. I have this matter very much at heart, which is indeed my only excuse for addressing you. The medical profession is not only employing Greek and Latin terms, using them at all times, but it is also coining them, and often doing so very incorrectly. The way Latin beginnings have tacked on to them Greek endings has come to be an abomination. Such illiteracy is making a laughing-stock of the profession in the opinion of men of the most ordinary culture.

But there is something worse than that. It is surely breaking one of the first rules of pedagogy to try to convey information concerning abstruse subjects to those who have never heard anything resembling these new studies, in a technical language that they cannot understand—in an unknown tongue, as it were. This is just what we do, and, as Dr. Vaughan has said, how many thousands of times, as I look at the faces of my students, do I see a puzzled look or wrinkled forehead, because they do not understand the meaning of the technical terms I am employing, and which I must stop to explain! It is not my business to teach the meaning of ordinary technical terms. I should be able to use any technical term that I see fit to illustrate the subject, and the student should, if reasonably conversant with Greek and Latin, after a little reflection be able to understand it. I can hardly recall a technical term that as a student I had to look up in the dictionary. Thus, lack of knowledge of the dead languages proves a serious interference to teaching medicine, because we compel the student to learn a language composed of meaningless terms with which to acquire knowledge of entirely new subjects—subjects to which he should devote all his energies. This is bad enough; but what is still worse is, that those who have never studied Latin or Greek very rarely take the trouble to consult the dictionary to ascertain the meanings of scientific terms. They may ask their neighbor what one means, when he probably knows less than they; and so they go through their medical curriculum and through their life not understanding, or actually misunderstanding, what certain terms mean. I find, when I am examining students, that they often do not know the meaning of the technical terms they are employing. In giving the history of a case they use terms that convey the opposite meaning to the one which is intended to be conveyed.

IV. THE VALUE OF HUMANISTIC STUDIES AS A PREPARATION FOR THE STUDY OF MEDICINE.

WILLIAM B. HINSDALE, A.M., M.D.
Dean of the Homœopathic Medical College, University of Michigan.

All knowledge has, of course, value; but not to any single individual. In its distribution throughout the world there are appreciative and utilizing persons, who, by each appropriating different parts, render it all profitable. How profitable a certain branch may be to one depends upon many different things, some of which are, how much it will benefit him in his station as a self-reliant worker for a living, as a member of society, as a citizen, as a person with or without an appreciation of it. Again, granting that a particular kind of knowledge has value to a certain individual, the question arises whether

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some other kind, or more of another kind, might not make him more efficient. His efficiency depends upon adjustability to his special vocation, which, in turn, is based upon a preliminary or preparatory training. The student who has educational qualifications or accomplishments, aside from those which have a necessary bearing upon his chosen profession, is the best prepared, not only for life, but, to use a biological term, for his specialization. He should be so prepared as not to become an intellectual malformation, but a well-balanced man. If a liberal preparation includes the humanities, then of course their importance is conceded. On this point there is probably a decided difference of opinion, and to discuss it leads to disputation.

Some seem to maintain that this is particularly a transitional age in the adjustments of studies; that, after a while, we shall get matters "fixed." The fact is, all ages are transitional. Adjustment by virtue of human progress blends into or out of non-adjustment. There is no such thing as fixation. At the present time, as the affairs of the world are going, the ordinary physician, like the average lawyer, teacher, journalist, and clergyman, does not care for education as an accomplishment. He recoils from severe training and hard reading. His ideal is the ordinary routine business success. This state of affairs must be tolerated so long as the student considers life a failure if he cannot graduate at an early age regardless of preparation; or while the leading question is: "What are the minimum requirements of the law and the curriculum?" "How is such or such a study going to help me to be a doctor?" is the commonest inquiry from the ordinary medical student.

The learned physician recoils from the thought of Professor James's description of the uneducated person. He abhors being "nonplussed by all but the most habitual situations." He wishes to have his resources so organized and powers of conduct so great as to fit him with as perfect relations as possible to his social and physical world. He works to be as well prepared as possible, to educate himself "by means of the examples with which his memory is stored, and of the abstract conceptions which he has acquired from circumstances in which he never was placed before."

The physician should have special, exact, and ample knowledge of the many scientific branches that constitute what is generally summed up in the term "medicine." These branches he should comprehend in their interdependences and true and broad relations, pursuing them with a sanctified devotion. There is no branch of learning which may not materially contribute to such a grasp of his subject. While he cannot read or study everything indiscriminately, he will have an elective affinity for some subject or subjects in the broad field of knowledge that he will make conducive to his peculiar needs, although he may not be able to explain just how or why. He should know the virtues, vices, and needs of those who make up his social environment, and appreciate the claims that neighbor, community, and state have upon him. To be a wise citizen, he should have a historical and present knowledge of the political institutions by which he is governed. The humanities have here special importance, if he is interested in a historical study of the duties of citizenship. The physician must have a penetrating insight into human nature; not humanity as a mass, but a scrutinizing, differentiating, penetrable gaze into individuals that reveals to his trained perceptions the reasons for the one under observation being mentally, morally, and physically different from everybody

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else. The educated physician is larger than his profession and wider than his allotted space in the community.

No man is up to the full degree of professional efficiency who permits his leisure to be frittered away by unprofitable recreation. Even recreation has character and, be it ever so relaxing, should be graced by dignity. Literature, art, music, brilliant associations, politics, languages, poetry, a side branch in science, biography, the "humanities," all have their recreative and great cultural value.

While I have referred to these subjects as recreations, they cannot fail to have a reactive benefit upon strictly professional work, and to be contributory to one's acumen in handling and interpreting people, even in estimating their modalities in regard to the administration of remedies. In some of these subjects, physicians, aside from being foremost in their specialties, have attained distinction. William Harvey was one of the best mathematicians of his day. Daniel G. Brinton was perhaps the best qualified man of his time upon the subject of American archæology. O. W. Holmes, while he maintained his position as professor in a medical college, gained vastly more distinction as a literary man than as a doctor. The late Timothy F. Allen, one of New York's leading physicians, became a noted botanist and was regarded as the best American authority upon the *Characea*. Virchow was learned in statesmanship. Metchnikoff declares that, aside from what is ordinarily referred to as biological sciences, folklore, philosophy, religion, language, and poetry of all races and stages of culture must be studied in order to comprehend the real physical and physiological properties of man.

Probably the most conspicuous living example of the physician who combines literary pursuits with his scientific work is Dr. Osler. He takes wide excursions into the domain of the classics, and draws freely for his illustrations upon ancient literature, history, and biography. Still he writes that the biological studies give to a man clearer points of view and an attitude of mind more servicable in a working-day world than other sciences, or even the humanities. Scholastic studies are not incompatible with ample professional qualifications.

The student who has the elective privilege and selects only easy courses will probably never make a scholar unless, perchance, he experiences the quickening influence that occasionally comes from contact with an inspiring teacher. In his choice of studies he betrays his instinct and gives evidence as to whether he had better or had better not be urged to take what is usually referred to as advanced work. The student with the scholarly predisposition and a taste for the humanistic studies should be encouraged to pursue them. If, on the other hand, his taste incline him strongly in another direction, why not let him gravitate that way? But there is danger at this point of his being prejudiced by some scientific enthusiast who does not himself comprehend the importance of any group of studies besides those which he has himself too narnowly pursued.

If I may be allowed to presume that there is anything conclusive about what I have said, I will make the following summarization:

1. A preparation for medicine is not particularly unlike preparation for any other specialized work. It contemplates the training of the faculties and acquisition of classified knowledge.

2. The average graduate, at the present time, will enter the practice of medicine as a business project, and will not strive for lofty educational ideals.

3. The ideal physician will appre-

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ciate the value of all knowledge and delight to become proficient in such intellectual activities as he may be led to by a refined taste.

4. So soon as practicable, advanced or collegiate work should be required for admission to medical college.

5. In the advanced studies a wide latitude should be permitted to the conscientious student, that he may cultivate his preferred branches.

6. As the humanities, such as the classics, philosophy, history, the arts of reasoning, and so forth, have great cultural and disciplinary value, students should be encouraged to pursue them as a historic background against which the present appears.

7. The greatest merit of these studies is not to be sought in their technical values, although a knowledge of Latin and Greek is time-saving in the etymological translation of words and phrases, and facilitates the learning of modern languages; but in that they conduce to a better interpretation of literature, both medical and general, in a broader sense, and are of great refining worth.

(To be continued.)

THOMAS McINTYRE COOLEY

The Department of Law of the University was opened in the fall of 1859. The wisdom of the step was doubted by many, and it cannot be said to have had the hearty support of the profession of the State. Systematic legal education through the instrumentality of formal instruction was in its infancy. It was practically unknown in the west, for outside of New England and New York there was at the time no law school of standing and influence. The profession generally, the country over, had little sympathy with any method of training for the bar excepting the historic one of apprenticeship in the law office. The study of the law as a science separate and apart from its study and application as an art did not appeal to the average practitioner. It did not seem to him either logical or practicable, and so his influence was against the new departure and in favor of the old regime. Moreover, at this time but little attention had been given to methods in legal instruction. As a rule the work of the schools was carried on in an irregular way by men whose predominant energies were given to active and practical duties at the bar or upon the bench. It was of necessity largely incidental and secondary. It goes without saying that, under such conditions, it was possible to make out a very good case against the law school and in favor of the office apprenticeship, where, as it was argued, the student had the constant supervision of his preceptor.

But notwithstanding the attitude of the profession and methods that are now regarded as defective, the Department of Law of the University enjoyed an immediate and continued prosperity. This was due undoubtedly to the exceptional strength of the first Faculty. At the time of their election by the Regents, Judge Campbell was a distinguished member of the Supreme Bench of the State, Judge Walker, a practitioner of marked ability and large experience, while the subject of this sketch, the third member, then the reporter of the decisions of the Supreme Court, was generally recognized in the State as a profound lawyer of the scholarly type. Each of these men brought to the work of instruction not only great learning, but also that which in the teacher is equally important with learning, the force

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of a distinct personality. Each, moreover, possessed the teaching power in a marked degree. With such men method was a matter of secondary importance.

With the exception of a single year, Judge Cooley was uninterruptedly upon the teaching staff of the University from the time of his appointment as professor in the Department of Law until his death, a period of nearly forty years. He served the Department of Law continuously for twenty-five years and during the most of that time he was its Dean and the only resident professor. He was thus brought more directly in contact with the student body than were his associates and became in a very large degree the molding force in the Department. "The largest share of the success of the school," says one of his associates upon the Faculty, "must be attributed to him."

To one of scholarly tastes and habits, a university connection offers much that is attractive. It affords opportunities for study and investigation along chosen lines, and the life of the place prompts intellectual effort. Judge Cooley was not a college-bred man, his early advantages having been meager in the extreme, but he was an intensely intellectual man, and having early acquired the habit of continuous and discriminating reading, he educated himself better perhaps than he could have been educated in the schools. The intellectual life was certainly for him the normal life. And so it was that a call to the University appealed to him. Here he found not only most congenial society but also opportunities and an environment that stimulated his natural taste for literary work. Although continuing to give his chief energies to the law, his duties as court reporter, law professor and later as a judge in the state court of last resort compelling him to do so, he at once began to extend his studies into the allied fields of history and political science. From boyhood his interest in history, particularly in American history, had been intense, and he now devoted to the subject extended and systematic study. Though not probably a scientific student of historical sources according to the modern standard, he read widely and appreciatively and became thoroughly familiar with the development of the political institutions of England and America. Judge Cooley had the historical sense in a marked degree, and while not to be classed as a historian, for he was first and essentially a jurist, his attainments in the historical field were such that in 1885, after his retirement from the Department of Law and from the Supreme Bench, he was elected Professor of History and Dean of the School of Political Science in the Literary Department of the University. For several years previous to that time he had delivered lectures in the School of Political Science, where he held the professorship of Constitutional and Administrative Law. In 1886, he was made Professor of American History and Constitutional Law and Dean of the School of Political Science. During his period of service, then, he was prominently connected with two great departments of the University. In 1887, by reason of a call to public duties as a member of the Interstate Commerce Commission, Judge Cooley was compelled to discontinue regular university work, though he remained upon the instructing staff and from time to time, as long as his health would permit, gave brief courses upon legal and historical subjects.

For the work of organization and instruction in the new department to which he had been called, Judge Cooley was well fitted both by temperament and training. He was at this time thirty-five years of age, and, although a stranger to the technical work of higher education, possessed

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scholarly tastes and habits in no ordinary degree and a mind that had been disciplined by years of exhaustive reading and close professional study and practice. He had realized, even as a youth, that acquisition simply, while it may be learning, is not education, and that it only becomes education when coupled with the power to think and act independently; that education, in the true sense of the term, necessarily implies constructive ability. And so we find that during his student days, as indeed during his entire life, he was continually doing things that required initiative and the exercise of independent thought and judgment. While yet in his teens, he began to have definite ideas upon some of the public questions of the day, as appears from occasional articles from his pen in the local press of his native town. Nature and self-training gave to Judge Cooley the power not only to acquire but also to think clearly and independently, and thinking clearly, he wrote clearly. No small part of his remarkable success in life was due to his ability early and constantly exercised, to express his ideas in compact, clear and forceful English. He was, moreover, as one of his associates upon the bench has said "the incarnation of order," and he furthermore possessed the rare ability, acquired undoubtedly largely by practice, of being able in the midst of distracting surroundings that would confuse and perplex the ordinary man, to fix his attention at once and continuously upon the work in hand. "Being once put in motion," said Judge Graves in commenting upon this trait of his associate, "the engine stayed obedient to the engineer and neither knew nor heeded any other master or any conflicting influence. He had only to touch the lever of the will to exclude the apparatus of thought from all infringement and all disturbance."

Although Judge Cooley would have disclaimed any special fitness for university work and doubtless felt that his lack of formal preparatory training in the schools must prove a serious handicap, yet that his equipment must have been an admirable one appears upon every page of his preparatory and early professional life. At the time of his call to the University, in addition to having gained through his own unaided efforts and the school of experience a general education much above that of most men of his years who have enjoyed the advantages of college training, he had attained a state reputation in the profession. He was not known as a trial lawyer, for he never became prominent in the *nisi prius* courts. He lacked the aggressive qualities that count for so much in courts of first instance. But he was known as a practitioner thoroughly grounded in the law, scholarly, accurate and painstaking, and as having literary ability much above the average. These qualities were first brought prominently before the profession by his compilation of the laws of the State in 1857. Doubtless his selection as compiler was due to his recognized literary ability and his known capacity for rapid and accurate work. His labors were completed within the short time fixed by the Legislature, nine months, and in such a way as to meet with general commendation. The work bears the impress of the accomplished lawyer and the man of correct literary taste and judgment, and it is certainly a testimonial to its merit that it has served to a large extent as the model for subsequent compilations. Undoubtedly the excellence of this work led to his appointment in 1858 by the Supreme Court as the official reporter of its decisions, an office that he continued to hold until promoted to a seat upon the bench in 1864. It is not too much to say that in Mr. Cooley the Court and the profession at once recognized the ideal reporter. It was

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here that his powers of analysis and discrimination and his great ability as a writer of terse and forceful English first became conspicuously apparent. His *syllabi* stand today, and they must always stand, as models of comprehensiveness, accuracy, compactness and lucidity.

Such, then, was the equipment with which Judge Cooley entered upon his university work. That he was a great teacher, was at once apparent. He had the teaching power to a remarkable degree. He was a thorough master of his subjects. To his students he always gave the best of which he was capable. His instruction was always by lecture, and, though not an orator in the popular sense, he at once challenged and held the attention of his large classes by the absolute simplicity and clearness of his exposition. In slow and measured utterances, his enunciation perfectly distinct, his English a model of compactness and lucidity, he would so unfold the subject that inattention was impossible. The thin voice was forgotten and personal peculiarities were unnoticed. His hearers were dominated solely by the intellectual power of the man.

A seemingly small event not infrequently proves to be of vast importance in the life of a man. So it was in the life of Judge Cooley, for his great work upon Constitutional Limitations was probably the result of an incident that at the time of its occurrence made little impression upon the minds of those concerned. I give it in the words of one of the associates of Judge Cooley upon the bench, the late Judge Champlin. In the course of his memorial remarks before the Supreme Court, in speaking of the organization of the work in the Department of Law of the University, he said: "As the topics for each lecturer were at first arranged, constitutional law was not in the series. It was not added until the second year. . . . To show what circumstances, small and untoward in themselves, often will turn the trend of our fortunes and make or unmake us, I will relate the circumstances, as I have heard them from Judge Cooley, which originated, developed and brought out Cooley's Constitutional Limitations. He said that in consultation the Faculty determined that this subject should be added to the course; that in his own mind he had immediately felt that Judge Campbell, owing to his great knowledge of the law, his experience in the practice of it, and his great ability upon the bench, was the best qualified to lecture upon that subject, and he so suggested, and that Judge Walker was of the same opinion. But Judge Campbell absolutely declined to take the subject, stating that he had his own ideas of constitutional law and was aware that they differed from those of many eminent jurists, and that he absolutely declined to lecture upon that subject. Judge Cooley then suggested that Professor Walker take the subject, but he also absolutely declined, and nothing was left but for Judge Cooley to take it up and lecture upon it. These lectures and his study of the subject culminated in Cooley's Constitutional Limitations, which first appeared in 1868, and established the reputation of Judge Cooley as one of the greatest living authors upon one of the greatest living subjects of the day. This opportunity was not seized, but was thrust upon him, and the performance of the task attests at once his genius and his ability as a jurist in this almost untrodden field of thought."[1]

It is possible, though not probable, that this, the greatest work from the pen of Judge Cooley, would have appeared, if he had not been compelled,

[1] From the remarks of the late Judge John W. Champlin upon the occasion of the memorial exercises in honor of Judge Cooley in the Supreme Court, 119 Mich. lviii.

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early in his university career, to give studious attention to constitutional subjects. But it was certainly fortunate for him and for jurisprudence that the course of events thrust those subjects upon his attention before he had become absorbed in other lines of investigation, for he was thus enabled to give to them the best years of his life. It is now apparent that his mind was naturally adapted for the study and development of such subjects. He was, moreover, well fitted for the task by his previous systematic reading in American history and his deep sympathy with the constitutional restraints that the abundant caution of the fathers had imposed. That he was a firm believer in the fundamental doctrines of our institutions, is unmistakably apparent upon every page of the book.

At the time of the appearance of this book, Judge Cooley had been upon the Supreme Bench of the State for three years and a member of the Law Faculty for nine years. He had written numerous opinions in which he had shown himself to be a judge of great learning and ability as well as a master in the use of concise, forceful and lucid English. He had gained extended recognition as a teacher of exceptional power. He had also contributed occasional articles to legal periodicals and had published a digest of the decisions of the State Supreme Court. But he had never before attempted a sustained work covering an entire field in the law. That his first effort should result in what one writer of authority calls "the chiefest law book of this generation," was due to several causes that it may not be inappropriate briefly to notice.

In the first place, the field was practically a new one. Considerable had been written upon American constitutional law, but it had been chiefly upon the interpretation of the national constitution. It was left for Judge Cooley to discuss the limitations imposed by the national constitution and the constitutions of the states upon the legislative power of the states and to do it so thoroughly that no one has since appeared to question his title, accorded to him by the united opinion of the profession, as the great authority upon the subject. Furthermore, the time of publication was fortunate, for the profession and the people were then intensely interested in constitutional questions. But the chief cause for the great success of the book lay in its plan and the execution of the work. Judge Cooley had the ability to discover that a work upon constitutional limitations to meet with general recognition must deal principally with general and not local questions; that to discuss the different state constitutions separately and in detail would not only result in a work of great length but also in one that would be neither distinctively general nor distinctively local. And so he hit upon the plan of omitting details excepting by way of occasional reference and of confining the discussion to the great general principles that are common to all constitutions. This plan enabled him to develop in a large way such general and fundamental subjects as the formation and construction of state constitutions, the functions of the state as exercised through its law-making powers and the constitutional protections to the person, property and general liberty of the citizen. The plan of the work certainly shows great foresight and wisdom and its execution constructive ability of a high order and exceptional powers of generalization. Judge Cooley was not a genius, but he possessed an unusually clear and analytical mind and a capacity for continuous intellectual work that was extraordinary. To the preparation of this volume, he devoted years of systematic study and careful thought. That there was a demand for such a

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book was a circumstance that undoubtedly contributed somewhat to its success, but the chief cause for its commanding and continued influence is to be found in the fact that upon every page it bears the mark of masterly ability and conscientious and thorough work.

It was always a characteristic with Judge Cooley to underrate the value of his work. He probably never fully appreciated the worth of his services to the University, the State and the Nation. He was the personification of modesty. This characteristic of the man was strikingly apparent in his very modest idea of the value of his work upon Constitutional Limitations. I cannot better show this than by quoting the words of the late Judge Graves, long his associate upon the Supreme Bench of the State. They were spoken in University Hall a few years ago upon the occasion of the celebration of Cooley Day.

"We all know that of the countless multitudes incapable of writing a particular book, or indeed any book, there are often many who are yet tolerably qualified to pass on the merits of an important one brought to their attention. You will perceive the drift of this allusion when I add that within a few weeks after our first meeting at Lansing, Judge Cooley honored me with an inspection of the manuscript of his earliest, and, I think, greatest work. The immortal treatise on constitutional limitations, but as yet without a title, came under my eye. The author had "builded better than he knew." His lack of appreciation was flagrantly evident. He imagined having succeeded in getting up a convenient hand-book—not quite in line with the clerk's assistant, or the attorney's companion, but more nearly resembling the school book by Mr. Young, and destined, perhaps, to serve as a labor-saving contrivance for tutors and students, and as a manual for inferior state officers; and my sincere and well-meant enconium only brought a good-natured smile to his face, accompanied by pooh-poohs of incredulity. I read the manuscript with interest and enjoyment, and had no question concerning its transcendent merit. It seemed too apparent to admit of doubt that the most pressing want of the epoch, in the line of legal literature, was met, and met triumphantly. I said as much to him, and predicted that the ancient notion that no elementary law book could be received as authority during the author's lifetime would be now wholly ignored, and that before the lapse of ten years this book would be cited in the best state courts, and moreover in the Supreme Court of the Union. He met my enthusiasm with a good-natured hit at my obtuseness and optimism. My prediction was, however, more than fulfilled, and he lived to see it cited everywhere in the nation, and moreover in the British House of Lords and in the most respectable of the continental tribunals."

Other law books from the pen of Judge Cooley appeared from time to time, but although of great merit and value, as was everything that he did, I doubt if they will contribute materially to his permanent fame as a jurist. This will, I think, rest mainly upon his great ability as an expounder of constitutional subjects. His later works, while not inferior in any particular, certainly do not reach the high standard of distinct superiority that characterizes his Constitutional Limitations, nor are they of such excellence as practically to hold their respective fields alone as that work holds its field. They must always come into competition with the works of other authors of at least equal merit.

The limits of this paper prohibit any extended reference to Judge Cooley's distinguished services upon the Supreme Bench of the State, to his varied and numerous contributions to the periodical literature of his time and

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to his remarkable versatility as shown in his great work in connection with the practical problems of transportation. Suffice it to say that he was the ideal judge, combining in a rare way the qualities that go to make up the judicial temperament; that by his writings and addresses upon public questions he impressed himself upon the country at large as few men have done; that as receiver of a great railroad system, he showed administrative ability of the highest order, such as ordinarily can be expected only after years of preparatory service; and that as Chairman of the Interstate Commerce Commission, his effectiveness as an organizer and his great ability in devising ways and means in a field that was practically without precedent, were at once and conspicuously apparent.

A great teacher, a great judge, a great legal author, and withal a great administrator,—such was Judge Cooley. Few men have attained distinction in so many fields. But his success was by no means a matter of circumstance or chance; it was solidly grounded in merit. He was endowed by nature with intellectual powers of a high order. His mind was active, keen, analytical; it seized at once upon the essentials of a problem and proceeded naturally, easily, logically and rapidly to a conclusion. His powers of generalization were marked. He had, moreover, the intellectual grasp that insured the consideration of questions in a large way and saved him from the errors of a narrow and partial view. He was also the soul of sincerity. But in addition to all these qualities, he had tremendous capacity for work. He never took a vacation and rarely rested from his labors until forced to do so by failing health. He not only had an enormous capacity for work but an intense love for it. He often declared his work to be his recreation. His failure to curb what in him amounted to a passion was, of course, a great mistake. This he realized at last, but not until it was too late.

But with all his devotion to intellectual pursuits, Judge Cooley was the ideal citizen, the devoted husband and father, and the helpful friend. He always found the time for his public duties and social obligations. No worthy cause failed to receive from him hearty sympathy and support. He loved his family and his home, and was never so happy as when contributing to the happiness of others. Hundreds of students can testify to his kindly interest and many to his material aid. Such a life as was his must always serve as an inspiration.

H. B. HUTCHINS, '71.
Dean of the Department of Law.

A CORRECTION:—Owing to an oversight on the part of the editor who was in charge of the July number of THE ALUMNUS, the following resolution, passed at the annual meeting of the Alumni Association, was not printed in full. Inasmuch as it is very desirable that it be printed *verbatim* THE ALUMNUS takes great pleasure in giving it here. The resolution as presented by Gen. W. H. H. Beadle, seconded by L. C. Hull, reads as follows:

Resolved, That the Alumni Association accept the report of the Memerial Committee, and instruct them to continue their work of soliciting funds and to secure in any other way deemed desirable the amount required for the erecting of the proposed building; and further request the Editorial Board of the official organ of the Association, THE ALUMNUS, to support to the utmost of their ability the Committee in completing this enterprise.

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News

ATHLETICS

PENNSYLVANIA PROSPECTS

There is a general feeling among the student body that Michigan's chances to make a good showing Nov. 17 against Pennsylvania are extremely slight. Attention is called to the fact that Schulte, Longman, Tom Hammond, Barlow, and Norcross have played their full time or are not in school, and that Schultz, Reinschild, Harry Hammond, and Denny Clark are ineligible, leaving only four M men, Curtis, Garrels, Graham, and Patrick, on the team. Michigan is further handicapped by the rule which prohibits preliminary training before the opening of college and a common training table, as well as by the fact that only five games (none of these will be very hard) with other colleges can be played. The effect of these restrictions will be that the team will be less under the watchful eyes of coach and trainer, and will not have an opportunity to discuss the game with the coach at each meal, as heretofore. The most serious effect, however, is that the absence of hard games before the Philadelphia contest will take away good opportunities for finding weak spots in the team's work, and for perfecting team play. A hard game puts the men in good shape for heavy work, but this year the scrubs will take the place of teams like Nebraska and Wisconsin, and if as few men turn out as last year Yost will not always have a full eleven to play against the Varsity.

However, players and students are not losing heart, there is a universal spirit of gritty determination which makes up for the loss of a great many pounds of mere beef. It must be said that while no Michigan team has ever been guilty of quitting, still in the last four years a spirit of overconfidence let many a player neglect to put every pound of his strength into every play. The "Michigan brace" in the second half often had to make up for advantages lost by over-confident and somewhat listless playing in the first.

The great need of new material has induced several good men who have not been interested in football before to try for the team. At present the coaches have two and even three second teams to work with. Another slight encouragement is that Yost will not have to unmask his best plays until he meets Pennsylvania. He can afford to train the men up to the one contest and Fitzpatrick can be depended upon to see to it that they are on edge, in the best of condition.

Of the players, Captain Curtis, Garrels, and Graham are too well known to need comment. There is a slight possibility that Curtis may be shifted from tackle to end because of his reliability when gains are needed. Garrels has been put at fullback, to make use of his punting ability. He demonstrated in the Chicago game that he is one of the best kickers in the west, and a hard runner whom it is difficult to stop. He will also be depended upon to kick goals from placement. Patrick may be used permanently at guard or at tackle. When called upon last fall to take place of Curtis at left tackle he became the object of steady pounding by the Chicago backs, and allowed some considerable gains, taking, however, a great brace in the second half. His chief fault is a lack of perfect alertness and intensity, which he may be able to remedy.

Of the new men, Rumney, Schenk, Steckle, Workman, Newton, Hagerson and Davis are the most promising candidates for the back-field. They are all light, strong, dodging men. Embs may play at full or end, but is a trifle slow. Bishop is a promising new quarterback. He is a fighter, heady, and a good dodger. Guckenberger, end, is a sure tackler. Wright is a very strong candidate for tackle. Chandler may fit into the line somewhere. No worthy successor to Schultz at center has as yet appeared. Lowell, catcher on the baseball team, plays hard, but is weak on defense and in passing the ball.

Of late some new players of promise have appeared. Of these Magoffin made his M at half last year. Harry Hammond, who played end last year, is expected to be in the game shortly. Wendell, 1906 baseball captain, is trying for the team, and does some excellent punting. He has not played football for three years and is guilty of frequent fumbling. Kanaga, a sub last year, is playing his second year of football and shows promise. Clement, who did well at center in some of the earlier games last year, is out and may crowd Lowell from the center position, in which case the latter may be put at tackle.

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VARSITY VS. SCRUBS

On Oct. 3 the Varsity defeated the Scrubs 26-0 in an open game. A large and enthusiastic crowd turned out for the first glimpse of the team in action. The playing was snappy, but marred by fumbles and ragged team work. The onside kick was tried with more or less success; the forward pass was not much used. Line-smashing and end runs were principally resorted to, with punts and a few fake kicks. It seems probable that a good deal of gaining will still be done by a line-bucking back-field. A heavy, fast man like Heston, Garrels, or Curtis will still be the most desirable man for half-back.

MICHIGAN 28; CASE 0

The exceptionally strong team from Case Scientific School was easily defeated by Michigan in the first outside contest of the year, Oct. 6.

Michigan played ragged ball during the first half and was completely outplayed during the first fifteen minutes by the fast Case team, being kept out of danger only by Garrels' excellent punting. Garrels' work was the feature of the game. He punted high and far, repeatedly broke away for long runs, and often tackled his man for a loss. Graham and Curtis played hard, following the ball closely. Curtis produced some good interference. Patrick broke through the line once and threw back the Case fullback with a flying tackle, just as he received the ball. Lowell, at center, showed great improvement. He is always with the ball, and plays in whirlwind fashion. Wright got the ball for a forty yard run and touchdown on an onside kick.

Michigan did not choose to try the forward pass, but the onside kick was tried several times, with good success. The feature of the game was fast open playing, with a great deal of punting. Both teams relied mostly upon line smashing and end runs to advance the ball, with occasional trick plays. It appears that the players are not inconvenienced much by the new time-out rules, as few substitutions were made. One touch-down without goal was made in the first half, and twenty-three points were made in the second half.

Michigan		Case
Davis	Left End	Bacon
Curtis, Capt.	Left Tackle	Ziegler
Patrick	Left Guard	Capt. Bradford
Lowell	Center	Wyman
Graham	Right Guard	Kolpke
Ruby / Wright	Right Tackle	Swift
Embs / Newton	Right End	Brandt
Bishop / Lewis	Quarter Back	Riemenschneider
Workman	Left Half	Clark
Schenk	Right Half	Van Dusen
Garrels	Full Back	Wagen

Touchdowns — Garrels, Workman, 2, Schenk, Wright. Goals from touchdown—Curtis 2, Garrels. Touchback—Case. Referee—Chase, Michigan '99. Umpire—Starbuck, Cornell. Head Linesman—Elder, Penn. State. Time of halves—20 minutes.

IMPROVEMENTS ON FERRY FIELD

The handsome ornamental entrance at the northeastern corner of Ferry Field was completed during the summer. This structure, which was made possible by a gift of $10,000 from D. M. Ferry of Detroit, has been described in a previous number. A fine view of the field and the bleachers can be had through the gate, and when all improvements are completed the athletic field will present a beautiful view.

Three sides of the field are enclosed by a red brick wall nine feet high, surmounted by a four-inch coping of white stone. Ivy has been planted at frequent intervals and within a year will completely cover the wall with its leaves.

Just inside of the gate is the new gridiron. On the north side permanent bleachers with a seating capacity of over nine thousand have been built. These bleachers are higher than the old ones, and have considerably less slant. They are surmounted by a roomy, covered press stand. They rest on a solid foundation of cement and the supports and cross-pieces are firmly bolted, eliminating any danger of collapse. On the south are the old south bleachers, seating over six thousand. Room has been left at both ends of the field for the erection of standing bleachers, giving altogether accommodation for thirty thousand people. There will be no covered stand.

Just west of this field a row of seven tennis courts has been laid out along the fence. These courts will fill a long felt want. The old courts on the campus are now reserved for use by the women students.

For the present the old gridiron will serve as baseball field, and the grandstand and east bleachers will be left in their present position. It is planned, however, to lay out a new diamond adjoining the new gridiron.

CROSS COUNTRY RUNS

A large number of men turn out daily for cross-country running and the sport seems more popular than ever. More than usual interest is attached to the runs by the presence of a good many M men; Rowe, Dull, Maloney, Ramey, and Davey, generally are present to coach the beginners.

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CAMPUS CALENDAR

COMING EVENTS

OCTOBER

Saturday, 20.—Football game between Michigan and Ohio State University, at Columbus.

Sunday, 21.—R. E. MacDuff, D.D. of Jackson, at McMillan Hall.

Friday, 26.—Meeting of the Regents.—Concert by Madame Schumann-Heink in the Choral Union Series. University Hall.

Saturday, 27.—Football game between Michigan and Illinois. Ferry Field.

Sunday, 28.—Dr. S. M. Zwemer, of Arabia, at McMillan Hall.

NOVEMBER

Thursday, 1.—Faculty Concert at the University School of Music, Frieze Memorial Hall.

Saturday, 3.—Football game between Michigan and Vanderbilt. Ferry Field.

Saturday, 10.—Football game between Michigan and Alumni. Ferry Field.

Saturday, 17.—Football game between Michigan and Pennsylvania. Franklin Field, Philadelphia.

Friday, 23.—Concert in Choral Union Series, Pittsburgh Orchestra, Emil Paur, Conductor.

PAST EVENTS

SEPTEMBER

Tuesday, 25.—The University opened in all departments.—The first number of *The Michigan Daily* appeared.—The football team held its first practice.—The Board of Regents met, and President Angell submitted his annual report.—The Regents accepted a gift from Mrs. Israel C. Russell, of the late Professor Russell's geological Library, of over 3,000 titles.

Wednesday, 26.—Enough men reported at Ferry Field to make up three elevens.—*Inlander* appeared.

Thursday, 27.—The Freshmen and Sophomore classes held a premature rush.—The girls held a mass meeting in Barbour Gymnasium.—A reception for new girls was given at Newberry Hall; Mrs. Trueblood read "The Transfiguration of Miss Philura."

Friday, 28.—The Senior Engineers were the first class to put tickets for officers in the field.

Saturday, 29.—The first scrimmage of the season was held on Ferry Field.—The advance copies of the new History of the University, by Professor Hinsdale and edited by Professor Demmon were received.—The Adelphi society held its first meeting of the year.—An Announcement was made that the 1906 Michiganensian was a financial success.—A reception to the Freshman class was held at Newberry Hall.

Sunday, 30.—The annual address of welcome was delivered in University Hall by President Angell.—The Freshmen attempted to put up proclamations, but were prevented by the Sophomores.

OCTOBER

Monday, 1.—The Sophomore proclamations appeared.—The scrubs held the Varsity to one score in a scrimmage.

Tuesday, 2.—The Student Council met for the first time and appointed a committee to regulate the Fresh-Soph rush.—M. Griswold Pierce was appointed General Secretary of the Michigan Union, by the Directors.

Wednesday, 3.—The Varsity defeated the Scrubs by a score of 26 to 0.—The Rocky Mountain Club held a smoker in its club house.—The Freshmen and Sophomore classes declared a truce until after the rush, in accordance with the action of the Student Council.

Thursday, 4.—The first football mass-meeting was held in University Hall. Hugo Sonnenschein, '05-'07*l*, Professor Robert M. Wenley, and Coach Yost addressed the meeting.—The first Faculty Concert of the season was given in Frieze Memorial Hall.

Friday, 5.—The Sophomores were victorious over the Freshmen in the annual rush, succeeding in wresting the flag from the pole, which was defended by the Freshmen, within six minutes.—The Freshmen girls were entertained by Dean Jordan, from 4 to 6, in Barbour Gymnasium. After a short address by Mrs. Jordan, the members of the Freshman committee were elected. The sorority girls were Misses Conklin, Applegate, Mulheron, Andrus, Martin and McAuley. The independents: Misses Strohmeier, Daron, Ludington, McKnight, Parkinson, and Tuomey.—The senior engineers elected the following officers:

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HARRY HAMMOND

CURTIS (CAPTAIN)

GARRELS

PATRICK

GRAHAM

MAGOFFIN

THE "M" MEN ON THE 1906 TEAM.

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President, James W. Parry, Ann Arbor; Vice-President, Clarence W. Davock, Detroit; Secretary, C. J. Whipple, Chicago; Treasurer, Robert Ellsworth Monagle, Stanley, N. Y.—Football Manager, William H. Riecks, Alpena; Baseball Manager, Frank Vaughn, Otsego; Track Manager, tie between John Garrels, Detroit, and R. D. Palmer, Smith's Creek.—The Senior literary class elected the following officers: President, Robert H. Clancy, Detroit; Vice-President, Margretta Brown, Ann Arbor; Treasurer, Evered V. Jolliffe; Plymouth; Football Manager, Carl R. Moore, Port Huron; Baseball Manager, Homer L. Heath, Ann Arbor; Track Manager, Ferris N. Smith, Pontiac; Basketball Manager, Rena H. Mosher, Ann Arbor; Historian, Sallie M. Smart, Hancock; Prophetess, Hazel G. Hill, Decatur; Poetess, Ruth Rizer, Washington, D. C.; Member Oratorical Board, Guy P. Bliss, Plainwell; Orator, John J. Danhof, Jr., Grand Haven; Toastmaster, John W. DeBryn, Holland.—The Cosmopolitan Club held its first meeting in its new house, 614 Monroe St.—The School of Music held its annual reception to its old and new students.—The department of elocution and oratory announced as the question for the Central Debating League: "Resolved, that a progressive inheritance tax should be levied by the Federal Government."—The law debating societies, the Webster and Jeffersonian, held their first meetings.—The Empire State Club, composed of the New York State girls in the University, held a reception, at the home of the Misses Streibert.

Saturday, 6.—The University defeated Case School of Applied Science by a score of 28 to 0. the opening game on the New Ferry Field.—The New York State Club held a smoker at its club house, 711 E. Catherine.—The following officers were elected by the 1909 literary class. President, James K. Watkins, Bay City; Vice-President, Florence A. Banister, Flint; Secretary, Jesse F. Snodgrass, Kansas City, Mo.; Treasurer, Virgil K. Morgan, Kansas City, Mo.; Baseball Manager, John H. Folger, Grand Rapids; Track Manager, William B. Fullerton, Kansas City, Mo.; Basketball Manager, Florence E. Baker, Bay City; Oratorical Delegate, Howard L. Barkdull, Toledo, O.; Sergeant at Arms, Dean E. Ryman, Six Lakes.—The senior class in the Medical Department elected the following officers: President, Henry J. Love, Orion, Ill.; Vice-President, Marion E. Leeper, North Dover, O.; Secretary, Anna C. Iverson, Marcus, Ia.; Treasurer, George A. Kamperman, Zeeland; Members of the Medical Society, Lynn Rogers, Logansport, Ind.; Bert W. Culver, Coldwater; Frank J. McMichal, Plainwell; Football Manager, Christian J. Brobeck, Butte, Mont.; Baseball Manager, Alexander R. McKinney, Ann Arbor; Track Manager, Hugo O. Altnow, Gaylord, Minn.; Honor Committee, Robert G. McKenzie, Chester, Ill.; Saidie B. Lindeberg, Miles City, Mont.; George K. Wilson, Ypsilanti; Isaiah Sicotte, National Mine; Harry A. Sibley, Pontiac.—The Alpha Nu Society held its first meeting.—The 1908 literary class held a smoker.—The Deutscher Verein held a meeting and planned its work for the ensuing year.

Sunday, 7.—Professor Arthur Fairbanks, of the Greek Department, spoke at McMillan Hall on "Values."

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'63

Chas. S. Merrill, '63*m*, has removed from Marshallville, O., to 55 S. 4th Ave., Kankakee, Ill.

'64

'64m. Elmore Palmer, 309 Plymouth Ave., Buffalo, N. Y., Secretary.

The medical class of 1864 will hold its next reunion during Commencement week, 1907.

The Christian Science Sentinel of June 9, 1906, publishes, among its selected articles, a paper on "The Fallacy of Pantheism," by Bartow A. Ulrich, '64, who is living in Chicago at 28 Bittersweet Pl.

Owen Ellison, Jr., '64*m*, was born in Jackson, Mich., Jan. 29, 1839, on his father's farm. He received his early education in the country schools and at the Wesleyan Methodist College, at Leoni, Mich., which afterward became "Albion College." He taught district school several winters, and later entered the medical department of the

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University, Oct., 1861. In July, 1862, he went to Baltimore, Md., and served in U. S. General Hospitals, until Oct. 1st, 1862, when he was appointed Medical Cadet, U. S. A., and served his term of enlistment in the U. S. Hospitals at Covington and Ashland, Ky., and Camp Chase, Ohio. He reëntered the medical department of the University, Oct., 1863, graduating with the class of 1864. He was appointed Assistant Surgeon of the 30th Mich. Volunteer Infantry and mustered out with the regiment July 1st, 1865. He was married in Sept., 1865 and located at Ironton, Ohio. In Jan., 1871, he went to Alma, Mich., and engaged in the drug business, remaining there until June, 1873, when he returned to Ironton, Ohio, and opened a drug store which he conducted, retiring therefrom Sept. 1st, 1895. He was twice elected Coroner of Lawrence Co., Ohio, in 1879 and in 1899. He was a member of the City Council of Ironton, Ohio 15 years and a member of the board of pension examiners 4 years. He has had four children, the wife and 3 children are deceased . He may be addressed at Ironton, Lawrence Co., Ohio.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Leonard E. Stocking, '70, medical superintendent of the Agnews State Hospital at Agnews, Calif., in correcting the first reports of the great earthquake disaster at that place that he and his family were aomng the killed, says: "At the time of the disaster we were in the second story of a large four-story brick building which was completely wrecked, and crashed down all about us; my daughter's room going down under a great tower a moment after she had left it. We fortunately escaped, however, with very little personal injury, while two physicians and 110 other people were killed."

William F. Matthews, '70, for some time past has been, and still is, in charge of the Presbyterian church at Pine City, Minn.

Bernard Moses, '70, LL.D. '02, Professor of History in the University of California, sailed last June for South America where he continues his work investigating the political and social conditions of the Spanish-American States. The Regents of the University of California have granted Professor Moses a year's leave of absence to permit him to carry out his intention of making a thorough study of conditions there. For many years Professor Moses has been regarded as one of the world's authorities on international law and historical questions. He has published a number of notable books, his latest being entitled, "The Government of the United States."

'71

'71. Byron A. Finney, Ann Arbor, Secretary.
The class of '71 in all departments will hold a reunion on the campus at Ann Arbor, Alumni Day, June 20, 1906.

Allen P. Boyce, C.E. '71, is President of the Goshen Mfg. Co., of Goshen, Ind.

'76

'76. Alice Williams, Weedsport, N. Y., Secretary.
The next reunion of the class of '76 will be held on the Campus in Ann Arbor, Alumni Day, June 20, 1906.

Joseph Ripley, *'76e*, has charge of the lock construction of the Panama Canal. He will spend a year drawing plans and will have nine years to construct them.

'77

Margaret Stewart, '77, A.M. '87, is a chemist with the firm of Lloyd Bros., Court and Plum Sts., Cincinnati, Ohio.

'78

Mary E. Byrd, '78, has changed her address from Northampton, Mass., to R. R. 9, Lawrence, Kans.

Carlos M. Cooley, Ph.B. '78, has changed his address from Minneapolis, Minn., to Bemidji, Minn.

'79

William A. Greeson, A.B. and A.M. '79, has removed from Chicago to Grand Rapids, as superintendent of schools, where his address is 37 So. College Ave.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Hon. Geo. D. Meiklejohn, *'80l*, of Fullerton, Neb., was a candidate for the U. S. Senate at the late primary election in his state. He was Assistant Secretary of War from 1897-01 and was recently decorated by his Majesty, King Oscar of Sweden, a Knight of the Royal Order of the Sword.

'83

Ira O. Tracy, *m'79-'80*, M.D. (Columbia) '82, physician at Long Island State Hospital, Brooklyn, N. Y., received the degree of Bachelor of Laws from the Brooklyn Law School (St. Lawrence University), June 7, 1906.

Paul H. Blades, *l'79-'80*, was one of the many sufferers from the San Francisco fire.

'87

Frederic D. Sherman, '87, has removed from 541 W. 124th St., N. Y. City, to 111 Fisher Ave., White Plains, N. Y.

William S. Gould, '83-'85, is agent for

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the Trust Company of America Building which is being erected at 37-43 Wall St., N. Y. His temporary address is 36 Wall St.

'88

John E. Stillwell, '88, has changed his address from 4023 Woodlawn Ave., Los Angeles, to 706 Hull St., Pasadena, Calif.

James A. Lewis, B.S. (C.E.) '88, C.E. '93, has changed his address from 383 Third St., Brooklyn, N. Y., to 119 Madison Ave., Elmira, N. Y.

'89

Francis G. Howard, '85-'87, has changed his address in Minneapolis from 613 Lumber Exch. to 420 Security Bank Bldg.

Julian Millard, '85-'87, has changed his address from Camden, N. J., to Hollidaysburg, Pa.

Herbert S. Crocker, '89*e*, formerly of Chicago, has accepted a position with the Denver City Tramway Co. His address is 812 Majestic Bldg., Denver, Colo.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Owen L. Miller, A.B. '90, is engaged in the concrete block and cement business in Indianapolis. He may be addressed at 24 W. 20th St.

John E. McCartney, '86-'87, has changed his address from Hunter, N. D., to Page, N. Dak.

Rollo G. Manning, '90*e*, C.E. '04, has recently been appointed Engineer of the Ambridge Plant of the American Bridge Co. at Ambridge, Pa.

'91

'91. Earle W. Dow, Ann Arbor, Secretary.

Esther B. Van Deman, '91, A.M. '92, who for the last two years has been instructor of law in the Baltimore Woman's college, has been appointed holder of the Carnegie fellowship of classical research in the American School of Classical Studies in Rome.

Chas. A. Boynton, '91*l*, was appointed U. S. Attorney for the western district of Texas last January and was installed June 1.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

George M. Wisner, '92*e*, has changed his address in Chicago from 1010 Security Bldg., to 1500 Amer. Trust Bldg.

Mary A. Nutting, *m*'88-'89, is practicing her profession at Meredith, N. H.

John Knauf, '92*l*, located at Jamestown, North Dakota, was nominated July 12th, 1906, by the North Dakota Republican Convention to fill the four years' vacancy on the Supreme Bench of that State, caused by the resignation of Judge Young. Mr. Knauf received 304 votes to his opponent's 151.

Eber P. Hotchkiss, '92*l*, formerly of Mankato, Kans., is now located at 623 Kansas Ave., Topeka, Kans., where he is engaged in the general practice of the law.

Frank L. Fowler, '92*l*, has formed a partnership with Guy H. Powell in Chicago, under the firm name of Fowler & Powell, with offices at 1402 Hartford Bldg. He will however continue his offices in Manistee, where he is associated with Charles N. Belcher, '01*l*, under the firm name of Fowler & Belcher.

Emerson R. Miller, '92*p*, Ph.M. '93, B.S. '94, M.S. '95, has removed from Santiago de las Vegas, Cuba to Auburn, Ala., where he is Professor of Pharmaceutical Chemistry in the Alabama Polytechnic Institute.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
93l. Francis G. Jones, Muskegon, Mich., Secretary.

Llewellyn S. Pomeroy, '93*e*, is now Assistant Engineer on the C., St. P., M. & O. Ry., and may be addressed at 243 W. 6th St., St. Paul, Minn.

Herbert H. Reed, '93*l*, has changed his address in Chicago from the Marquette Bldg., to Room 567, Rookery Bldg.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Walter M. Hamilton, '94, A.M. '96, has been changed from computer on the Coast and Geodetic Survey to computer in the Nautical Almanac Office with address at the Naval Observatory, Washington, D. C.

'95

'95. Mrs. Gertrude Sunderland Safford, 22 W. Warren Ave., Detroit, Secretary.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Marian S. Parker, '95*e*, has removed from 232 N. Blvd. East, Detroit, Mich., to 248 Columbia St., Portland, Oregon, care of Chas. Drake.

Horace W. King, '95*e*, has changed his address from 351 Washington St., Portland, Ore., to Echo, Ore.

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Harlan I. Smith, '91-'93, formerly of Saginaw, now anthropologist at the American Museum of Natural History, New York City and Instructor in the Evolution of Industries at Pratt Institute, Brooklyn, has on the press of E. J. Brill, publisher, of Leyden, Holland, a voluminous report on his scientific researches into the prehistoric culture of Puget Sound and the Gulf of Georgia. This book, entitled "The Archaeology of Puget Sound and the Gulf of Georgia," is one of the series of memoirs of the Jesup North Pacific expedition, on which Mr. Smith was the American archaeologist. The expedition, financed by Morris K. Jesup, president of the chamber of commerce of New York City, had for its object the investigation of man, past and present, on the north Pacific Coast from the Columbia river in America to the Amur river in Asia. Mr. Smith's present memoir will be illustrated by photographs taken by him in the field and by pen drawings of over 200 articles and objects of art. This book completes his general report on the archaeological work done by the expedition in America, reports on the southern interior of British Columbia, the cairns and the lower Fraser, having already appeared, the remaining matter being details of neighboring regions.

'96

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

A recent number of the "Filipino Students' Magazine" contains an interesting article on "The Friends of the Philippines," by James A. LeRoy, '96, now American Consul at Durango, Mex.

Walter Robbins, '96*e*, may be addressed in care of Wagner Elec. Mfg. Co., 2017 Locust St., St. Louis, Mo.

Bishop J. W. Bashford of Shanghai, China, on his return to this country soon after the recent disturbances in which Dr. Ida Kahn, '96*m*, nearly lost her life at Nanchang, has this to say in regard to her work. "The gentry of Nanchang, the city of 1,000,000 inhabitants, where the recent riot took place, have bought and presented to us five acres of ground inside the city walls and have raised 5,000 or 6,000 taels for the erection of a hospital on these grounds, in return for our sending to them Dr. Ida Kahn, a Chinese woman educated in America and a graduate of the medical department of the University of Michigan, who has rendered the wives of the gentry of Nanchang eminent service as a physician."

Walter W. Drew, '94, '96*l*, will open a law office in N. Y. City, and also retain his Grand Rapids practice.

Clarence V. Donovan, '96*l*, has changed his address in Chicago from 1306 Tribune Bldg., to Association Bldg.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.

'97l. William L. Hart, Alliance, Ohio, Directory Editor.

Lambert L. Jackson, '97*m*, A.M. '99, has resigned his position as Professor of Mathematics in Brockport, N. Y. Normal School and will become head of the Educational Department of D. Appleton & Co., with headquarters at New York.

Fred N, Arnold, Jr., '93-'96, has changed his address from Fairbanks Co., St. Louis, Mo., to 302 Hudson St., Buffalo, N. Y.

Frederick E. Vickers, '97*e*, has removed from San Francisco since the recent conflagration, to Oakland, Calif., and may be addressed in care of General Electric Co., Union Savings Bank Bldg.

Hugh A. Chambers, *e*'93-'94, formerly of Missouri Valley, Iowa, has removed to Boone, Ia.

Born to Mr. and Mrs. Chas. D. Webster, 567 Hartford Ave., Milwaukee, Wis., an eight pound daughter, Sept. 2nd, 1906. Mr. Webster took a degree of B.S (Mech. E.) in 1897.

Orlando S. Reimold, '97, accepted a position last May with the World Book Co. of New York, in whose care he may be addressed. Since his return from the Philippine Islands, where for nearly three years he was engaged in school work, he has been working on texts for use in the Insular schools, which were published the past year. His Primary Language Book for second grade, after having been put to an actual test by the Director of Education, was favored with an order for 100,000, the largest order which the Philippine Goverment has ever given for a single text. He is also the author of a set of Composition Leaflets on Philippine Activities which were ordered for the third grade. The set consists of 24 four-page leaflets,—the language exercise of each leaflet is based on some industry or activity familiar to every child. He is also a joint author on a Philippines Chart for Beginners.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

Burton E. Livingston, '98, Ph.D. 1901, (Chicago), left the U. S. Department of Agriculture Bureau of Soils Jan. 1, '06, to take a position as investigator on the staff of the Desert Botanical Laboratory of the Carnegie Institution of Washington, at Tucson, Ariz. He is engaged in studies of the physical and chemical aspects of

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plant physiology, especially with reference to desert vegetation, and has recently published a paper of 78 pages on "The Relation of Desert Plants to Soil Moisture and to Evaporation," being Publication No. 50 of the Carnegie Institution.

Katherine M. Stewart, '98, has changed her address from Calumet, Mich., to Lake Linden, Mich.

James M. Kuh, '91-'92, '94-'95, has changed his address in Chicago from 4536 Forestville Ave., to 6252 Jackson Park Ave.

John Q. Adams, '94, *'98l*, who has been Instructor in Public Speaking in the University of Illinois, expects to spend the next year or so pursuing graduate studies at Oxford University, England. His wife, formerly Nellie K. Allen of the class of '93, will accompany him.

Chalmers J. Lyons, *'98d*, has sold his dental practice at Adrian, Mich., and will remove to Dallax, Texas, to accept a chair in a Dental College, and superintend his angora goat ranch.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Howard R. Daniels, '99, has removed from Missoula, Mont., to Miles City, Mont., and may be addressed in care of Custer Co. Free High School.

Anna M. Barnard, A.B. '99, has been appointed Curtis Scholar in Latin for 1906-7 at Columbia University. Her address will be 1230 Amsterdam Ave., N. Y. City.

James C. Armstrong, *'99e*, has removed from Provo, Utah, to 419 Dooly Bldg., Salt Lake City, Utah.

James C. Rusterholtz, *'99p*, has removed from 101 W. Elizabeth St., Detroit, Mich., to Sturgis, Mich.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Rev. Irving Raab, '00, has removed from Saline, Mich., to Cashmere, Mich. His wife will be remembered as Miss Florence Pomeroy, '98.

Eva L. Niles, '00, has accepted a position as Private Secretary to Professor David Kinley, Dean of the Graduate School, University of Illinois.

Burton O. Greening, '00, of Hurley, Wis., attended the Ellis Convention at Denver and afterward enjoyed a trip to San Francisco and other coast points.

Royal J. Mansfield, *'00e*, C.E. '02, sailed on Sept. 28 from San Francisco on the steamer "China" for the far East, in the interests of the Atlantic Gulf and Pacific Co. His address for the present will be Manila, P. I., in care of A. G. & P. Co. On the return trip he will stop at important points in Europe.

Lemuel W. Famulener, *'00p*, '03, *'06m*, has been appointed Assistant Professor of Pathology at the University of Indiana, Bloomington, Ind.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor.
'01m. William H. Morley, Ann Arbor, Secretary.

Carolyn A. Humphrey, '01, is teaching at Muskegon.

Annie W. Langley, '01, has been appointed to fill a vacancy in the Ann Arbor High School. Her address is 2037 Geddes Ave., Ann Arbor.

Mary B. Adams, '01, and mother will spend the next year traveling in the Orient. They will visit Japan and China en route. While in the Philippine Islands they will be the guests of Rev. and Mrs. J. Eugene Snook, and may be addressed at Pagsanjan, Laguna Province, P. I. Mrs. Snook, formerly Ada M. Adams, will be remembered by some as a student in the University in the year 1896-97.

Clara S. Feick, '01, has been living at her home, 220 Central Ave., Toledo, O. for most of the time since graduation. For the second semester of 1905-6, she took some of the English classes at the high school.

William Rinck, '01, A.M. '03, has been appointed instructor in mathematics and physics in the college of the Christian Reformed church at Grand Rapids, Mich.

Charles E. Allen, '01, A.M. '03, is superintendent of schools at Norway, Mich., having accepted a reappointment at a substantial increase of salary. He writes that the prospects for a strong Alumni association in the Upper Peninsula are very favorable.

John C. Parker, *'01e*, A.M. '02, E.E. '04, has removed from Buffalo to 34 N. Clinton Ave., Rochester, N. Y.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

Lucile Stone, '02, A.M. '05, will have charge of the department of Latin and German at Central State Normal School this year during the absence of Anna Barnard, who will spend the year studying at Columbia University. Miss Hildegarde Grawn, '06, will fill Miss Stone's former position as instructor in the same department.

Marvin M. Sherrick, '02, has changed his address from North Manchester, Ind., to Mount Morris, Ill.

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Florence Jacoby, '02, has returned from an extended trip in the Orient and Europe, and may be addressed at 1347 Marion St., Denver, Colo.

E. Carl Weirick, '02, has removed from Harrisburg, Pa., to Enola, Pa.

Frank W. Copley, '02, has changed his address from Somerville, Mass., to 24 Irving St., Cambridge, Mass.

William H. Faust, '02*l*, has changed his address from Buffalo, N. Y., to U. S. Naval Academy, Annapolis, Md.

Edward B. Caldwell, '02*d*, has sold his dental practice in Shepherd, Mich., to Charles V. Smith, '06*d*. Dr. Caldwell is now located in Ann Arbor with offices in the State Savings Bank.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03*e*, Mason City, Iowa, Assistants.

'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.

'03*l*. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.

Grant T. Davis, '03, has been made research assistant in chemistry at the University of Illinois. He and his wife, who was Helen E. Munger, '03, may be addressed at 106 S. Romaine St., Urbana, Ill.

James H. Russell, '03, for the past three years research assistant in the Department of Historical Research of the Carnegie Institution of Washington, has been superintending the copying, for the Michigan Pioneer and Historical Society, of important papers in the extensive Schoolcraft collection, contained in the Smithsonian Institution and the Library of Congress. Henry Rowe Schoolcraft was one of the first regents of the University, and many of the letters and documents among his papers relate to its early history. They will be published in the *Collections* of the Michigan Pioneer and Historical Society.

Mollie D. Butts, '03, A.M. '04, who was principal of the high school in Colon, Mich., 1904-6, is teaching this year in Geneva, Ill.

Maude E. Allen, '03, sailed in June on the Kroonland for Antwerp. She intended to spend six months in Paris with her sister, Mrs. Llewellyn Renwick, who will remain in Paris another year.

Helen A. Sullivan, A.B. 1903, is teaching English in the high school at Taylorville, Ill.

Jay B. Harris, '03, is resident engineer for the Trussed Concrete Steel Co., Kahn System of Reinforcement, at Los Angeles, Calif., where his address is 415 Germain Building, 224 So. Spring St.

John M. Niven, '03*l*, has changed his address in Milwaukee to 2920 Chestnut St.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Dowagiac, Mich., Secretary for Women.

'04*e*. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.

'04m. Guy M. Dunning, Lansing, Mich., Secretary.

'04*l*. Charles D. Symonds, Powers, Mich.

A Michigan "colony," especially of 1904 men, has been established in Chicago, in the suburb of Hamilton Park. To quote the class secretary, "Any '04 coming out our way will almost believe himself back in Ann Arbor. Living within a quarter of a mile of each other are Tom Roberts, '04, Al. Lucius, '04, S. E. Thomason, '04, Herbert Graver, '04*e*, Robert Thomson, '04*e*, Ed. Lucius, '07, and Alex. M. Graver, '05*e*, Harry MacDonnell, '04*e*, also lives within a ten minutes ride. We all get together at least twice a week and sing Michigan songs and 'talk Michigan.' Any Michigan man coming to Chicago is urgently invited to come out to our end of town and join us in our effort to make it an Ann Arbor Annex."

Geo. W. Beadle, '04, spent the past summer in a tramping tour abroad. Since he returned he has taken up real estate business in Sault Ste. Marie where he may be addressed at 341 Portage Ave.

John G. Winter, '04, has been attending summer school at Ann Arbor and has accepted the chair of Greek and Mathematics at the Northwestern Classical Academy at Orange City, Ia.

Albert Lucius, '04 and S. Emory Thomason, '04, successfully passed their Illinois bar examinations June 27th, and are now practicing law. The former is in the office of Goldzier, Rogers & Freilich, the latter is with Stuart G. Shepard.

Otto C. Walther, '04*e*, and his wife and friends are rejoicing over the arrival of a son, May 26, 1906. This, so far as our present record shows, is the eldest child of the '04 Engineering Class. If there are contestants for the honor, please notify the secretary. Mr. Walther has a position in the Steam Turbine Department of the General Electric Co., Schenectady, N. Y., and may be congratulated at 407 Brandywine Ave.

William O. Houston, '04*e*, is Resident Engineer for the New Orleans Great Northern Railroad which is just being built. His headquarters are at Lenior, Miss. He and his wife, who was Lucy A. Cooley, '99-'01, '02-'04, are happy in the presence of a little daughter, Margaret Ruth, who was born May 30, 1906.

Oswald W. Visscher, '02, '04*e*, has been transferred from the Chicago Sales Department of the Western Electric Co., to the same department in Philadelphia and

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may be addressed at 11th and York Sts., in care of the Western Electric Co.

Harry E. McDonnell, '04*e*, has removed from 123 25th St., Newport News, Va., to 5859 Washington Ave., Chicago, Ill.

Fred M. McLean, '04*e*, has removed from Glendale, Ohio, to 1526 Carondelet St., New Orleans, La.

William H. Kennedy, '04*m*, has removed from Montague, Mich., to Ravenna, Mich.

Francis M. Shook, '04*m*, has changed his address from Norfolk, Va., to Mare Island, Calif., in care of Naval Hospital.

The new directory of the 1904 Law class will be out about January first. The secretary of the class desires to make this directory as accurate as possible and therefore requests the active coöperation of each member. There are a number of members who have not been heard from either directly or through others, since graduating. To make the directory complete, those who have not yet communicated with the secretary should do so at once. If you have no item of interest either about yourself or other members of the class, at least send your address.

'05

'05, A. M. '06. G. William Barnum, 170 Humboldt Blvd., Chicago, Ill., Secretary.
'05e. Ralph R. Tinkham, 232 S. Ingalls St., Ann Arbor, Secretary.
'05m. Lewis H. Hector, General Hospital, Allegheny, Pa.
'05l. Frank C. Cole, Ann Arbor, Secretary.

Homer E. Robbins, '05, A.M. '06, has accepted the head mastership in the Latin and Greek Departments, Holderness College for boys, Plymouth, N. H.

Geo. A. Fox, '05, is connected with the Forward Movement Park of Saugatuck, Mich., a healthful and profitable summer resort for people in very moderate circumstances.

C. Stowell Smith, '05, who has been in the United States Forestry Service since graduation has changed his headquarters from Escanaba, Mich., to Washington, D. C., where his address will be in care of U. S. Forest Service.

Otto S. Zoellner, '05*e*, and Sidney T. Harding, '05*e*, Recorders with the U. S. Lake Survey, have changed their headquarters from Detroit to Niagara Falls, where their address is temporarily at 205 First St. During the summer they lived aboard S. S. General Williams which followed the Survey on Lake Erie.

Ralph R. Tinkham, '05*e*, formerly with Professor G. S. Williams, is now with the Russel Wheel and Foundry Co., Detroit. Address 66 Edmund Pl.

Joel M. Barnes, '05*e*, has changed his address from 1030 E. Huron St., Ann Arbor, to 225 Hoyt Ave., Saginaw.

Claude J. Try, '05*e*, may now be addressed at 43 Mill St., Grand Rapids, Mich., instead of 282 Madison St., Milwaukee, Wis., as formerly.

Samuel Wilson, '05*e*, may now be addressed at 326 Tompkins St., Olean, N. Y., instead of 38 W. 131st St., New York City.

D. Thorpe Chamberlain, *l*'02-'03, according to a newspaper clipping of last July is in the United States service as a member of a surveying party on the Isthmus of Panama. Since taking up the work there he has been promoted twice and is in line for further advancement.

Ben W. Ware, '05, has entered Blum and Sample's law offices, Ann Arbor, and has charge of collections, insurance, etc.

Harold H. Baker, '05*h*, is practising at 301 Lake Ave., Rochester, N. Y.

'06

Lilla L. Thurber, '06, is teaching in the College Preparatory Department of Ferris Institute at Big Rapids, Mich. She may be addressed at 329 Ives Ave.

Marion E. Perkins, '06, and May Caughey, '06, may be addressed at 3*a* Calle del Chopo, 8½, Mexico, D. F.

Helen Converse, '06, of Ann Arbor, will teach English in Caro, Mich High School next year.

Lucy S. Norton, '06, will teach History and English in the Normal College at Ypsilanti, Mich., during the coming year. Her address is 114 N. Normal St.

Claude B. Boynton, *e*'02-'05, has taken a position with the Colorado Fuel & Iron Co., Pueblo, Colo., and will have charge of Railroad construction for the company.

Guy W. Jocelyn, '06*e*, has accepted a position with the Geo. A. Miller Construction Co., of New York City.

Carl L. Gottschalk, '06*e*, may be addressed at 398 Center St., Wilkinsburg, Pa.

David Dunlap, '06*m*, will coach the football squad at Kenyon College, Gambier, O., this fall.

Myron S. Gregory, '06*m*, has located at Traverse City, Mich.

Walter H. Rieger, '06*m*, is located at "The Hastings," Suite 2, 107 Handy St., Cleveland, O.

Leland W. Carr, '06*l*, has been appointed Principal of the Marine City High School.

Isaac J. Doke, '06*l*, may be addressed at 401 Quincy Bldg., Denver, Colo.

George Vanderwall, '06*l*, may be addressed at 23 Summit St., Norwalk, O.

Homer Mallow, '06*l*, is with Frank Stivers, Ann Arbor.

Fred W. Gordon, '06*p*, may be addressed at 203 Vine St., Lafayette, Ind.

Clarence L. Hyde, '06*h*, may be addressed at the Montreal Homœopathic Hospital, McGill University Ave., Montreal, Canada.

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MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1886. Wirt Payson Doty, '86*p*, to Lena D. Harris, at Ann Arbor, Sept. 5, 1906. Address, Detroit, Mich.

1892. Edmond Lindsay Sanderson, '92, to Louise Seymour Hooker, at Detroit, Mich., Aug. 6, 1906. Address, 59 Owen Ave., Detroit.

1893. Warren Dwight Baker, '93, A.M. '94, to Corinne Ellen Smith, (Stanford) '03, at Flagstaff, Ariz., June 26, 1906. Address, Prescott, Ariz.

1895. Edward Brind Escott, '95, to Katherine Gunther, at Grand Rapids, Mich., July 2, 1906. Address, Ann Arbor.

1897. Robert Brown Howell, 97*d*, to Mary C. Clark, '04, at Ann Arbor, June 28, 1906. Address, Ann Arbor, Mich.

1900. Grace Isabel Swindler, '00, to Webster Davis at Dowagiac, Mich., June 27, 1906. Address, Aurora, Ill.

1900. Lucy Hayes Russell, '00, to Floyd C. Sherman, at Hart, Mich., Aug. 18, 1906. Address, Flagstaff, Ariz.

1900. Ernest Cleverdon, 00, '03*m*, to Gertrude Esther Palmer, '04, at Ann Arbor, Mich., Oct. 10, 1906. Address, Austin, Ill.

1900. Ora Miner Leland, '00*e*, to Mary Yoeckel, at Washington, D. C., June 28, 1906. Address, Ithaca, N. Y.

1901. Lewis Henry Hector, '01, '05*m*, to Alice Elnora Moser, at Allegheny, Pa., Aug. 22, 1906. Address 706 1st St., Allegheny, Pa.

1901. Gertrude May Chute, '01, to Floyd Arthur Wilson, '02*l*, at Ann Arbor, July 10, 1906. Address, Saginaw, Mich.

1901. Margaret Jones, '01, to Edwin Prime Nutting, '02, at Ann Arbor, June 28, 1906. Address, Moline, Ill.

1901. Michael Hugh Crissman, '01, to Helen Lamb Cornell, '03-'04, at Olin, Ia., June 21, 1906. Address, Olin, Ia.

1901. George Milton Kline, '01*m*, to Ethel A. Fry, at Grand Rapids, Mich., June 23, 1906. Address, Ann Arbor, Mich.

1902. Edwin Prime Nutting, '02, to Margaret Jones, '01, at Ann Arbor, June 28, 1906. Address, Moline, Ill.

1902. Fannie Louise Young, '02, to Alexander Lindsay, Jr., '02*l*, at Vicksburg, Mich., Sept. 13, 1906. Address, Honolulu, Hawaii.

1902. Clinton Miranda Searl, '02*l*, to Helen Vie Hulett, '05, Detroit, Mich., June 19, 1906. Address, Portsmouth, O.

1902. Floyd Arthur Wilson, '02*l*, to Gertrude May Chute, '01, at Ann Arbor, July 10, 1906. Address, Saginaw, Mich.

1902. Alexander Lindsay, Jr., '02*l*, to Fannie Louise Young, '02, at Vicksburg, Mich, Sept. 13, 1906. Address, Honolulu, Hawaii.

1903. Carolyn McMechan Chubb, '03, to Clarence Dwight Baker, at Coldwater, Mich., June 20, 1906. Address, 2923 Brattleboro Ave., DesMoines, Ia.

1903. Roberta Jane Bull, '03, to John Antony Garrett, '04*e*, at Rockford, Ill., July 18, 1906. Address, 136-138 Los Angeles St., Los Angeles, Calif.

1903. Frederick Styles Parmenter, '03*e*, to Florence Neal Adams, at Ann Arbor, Aug. 2, 1906. Address, Ellenton, Fla.

1904. Gertrude Esther Palmer, '04, to Ernest Cleverdon, '00, '03*m*, at Ann Arbor, Oct. 10, 1906. Address, Austin, Ill.

1904. Bertha Adams Tuttle, '04, to Lemuel Rittenhouse, A.B. (Ursinus) '01, Ph.D. (Johns Hopkins) '05, at Battle Creek, Sept. 3, 1906. Address Olivet, Mich.

1904. Martha Canfield Clark, '04, to Robert Brown Howell, '97*d*, at Ann Arbor, June 28, 1906. Address, Ann Arbor, Mich.

1904. Allan Marshall Kline, '04, A.M. '05, to Florence Genevieve Reamer, '06, at Ann Arbor, July 18, 1906. Address, Ann Arbor.

1904. John Wright Watling, '04, to Sallie Palmer Rice, '05, at Detroit, Oct. 3, 1906. Address, 75 Palmer Ave., Detroit, Mich. James Rogers Offield, '04l, was best man.

1904. John Antony Garrett, '04*e*, to Roberta Jane Bull, '03, at Rockford, Ill., July 18, 1906. Address, 136-138 Los Angeles St., Los Angeles, Calif.

1905. Joseph Rogers Gillard, '05, '07*l*, to Cora Rosamond Moos, at Sandusky, O., June 20, 1906. Address, 508 Hayes Ave., Sandusky, O.

1905. Nathan Thomas Viger, '05, to Rebecca Shotwell, at Detroit, Mich., Sept. 18, 1906. Address, Detroit.

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1905. Liefy Jeannette Veenboer, '05, to Henry Upholt, at Grand Rapids, Mich., Aug. 29, 1906. Address, Agricultural College, Mich.

1905. Helen Vie Hulett, '05, to Clinton Miranda Searl, '02l, at Detroit, Mich., June 19, 1906. Address, Portsmouth, O.

1905. Sallie Palmer Rice, '05, to John Wright Watling, '04, at Detroit,

1905. Hubbard North Bradley, '05*m*, to Harriet R. Wyman, at Ann Arbor, Mich., June 25, 1906. Address, Bay City, Mich.

Oct. 3, 1906. Address, 75 Palmer Ave., Detroit, Mich.

1906. Florence Genevieve Reamer, '06, to Allan Marshall Kline, '04, A.M. '05, at Ann Arbor, July 18, 1906. Address, Ann Arbor, Mich.

1906. Annie Hester Campbell, '06, to Chas. Ralph Trebout, (Olivet) at Augusta, Mich., June 27, 1906. Address, Roseland, Calif.

1906. Frank Chandler Longman, '06*l*, to Edythe Eberbach, at Ann Arbor, July 10, 1906. Address, Fayette, Ark.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department

1850. William Austin Moore, A.B., A.M. '54, d. in Detroit, Mich., Sept. 25, 1906, aged 83.

1855. Andrew Jackson Bigelow, A.B., A. M. '58, d. at the King Sanitarium, Detroit, Mich., July 30, 1906, aged 74. Buried at Adrian, Mich.

1859. James Richardson Cary, A.B., d. at Neligh, Neb., Sept. 2, 1906, aged 75.

1861. Ransford S. Johnston, B.S., M. S. '64, *m*'63-'64, d. at Stockley, Del., Aug. 26, 1906, aged 70.

1892. Carl Dio Perry, A.B., M.D. (Cooper Med. Coll.) 1903, d. at Fresno, Calif., June 28, 1906, aged 37.

1895. Jane E. Work, B.L., A.M. 1902, d. at Columbus, Ohio, July 15, 1906, aged 36. Buried at Lancaster, O.

1898. Montie Lyons Wiers, A.B., d. Greeley, Colo., July 19, 1903, aged 30. Buried at Davis, Mich.

Department of Engineering

1887. Benno Ernest Rohnert, B.S. (C.E.), d. at North Bay, Ont., Sept. 1, 1906, aged 40. Buried at Detroit, Mich.

1900. William Lehnartz, B.S. (Mech.E.), A.M. 1901, d. at Los Angeles, Calif., July 16, 1906, aged 27.

Medical Department

1867. Thomas Jefferson Eaton, d. at Kansas City, Mo., July 18, 1906, aged 66.

1869. William Francis Maltbie, Ph.C. '69, d. at Lima, Ohio, May 5, 1905, aged 68.

1870. Frank Ewing, Ph.C. '70, d. at Ottawa, Ohio, June 30, 1906, aged 61.

1872. George Willard Stevens, d. at Toledo, Ohio, June 9, 1906, aged 59.

1875. Joseph Barzella Hosken, d. at Grand Rapids, Mich., July 10, 1906, aged 56.

1878. John Edwin Conlan, d. at Jackson, Mich., June 29, 1906, aged 54.

1880. Strong Mosher Bennett, d. at Mexico, N. Y., May 4, 1904, aged 48.

Law Department

1865. Frederick Rietbrock, *a*'61-'63, d. at Athens, Wis., July 23, 1906, aged 67. Buried at Milwaukee.

1875. Clark Bates Samson, *a*'69-'71, d. in Chicago, Ill., Aug. 26, 1906, aged 61.

1878. George Proctor Wanty, d. in London, England, July 9, 1906, aged 50. Buried at Grand Rapids, Mich.

1885. Frank Estil Burrough, d. at Cape Girardeau, Mo., Dec. 9, 1903, aged 39.

1886. Charles Henry Carlson, d. at Santa Cruz, Calif., June 26, 1906, aged 41. Buried at Hampton, Iowa.

1887. William Owens Campbell, d. at Hamilton, Ohio, Aug. 15, 1904, aged 38.

School of Pharmacy

1872. Clayton Fourette Collins, d. at Toledo, Ohio, May 26, 1903, aged 59.

1872. Ferdinand Reppert, d. at Muscatine, Iowa, July 20, 1903, aged 55.

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1893. Charles Elsworth Jackson, M.D. (Jefferson) '99, d. at Canal Fulton, Ohio, Oct. 20, 1903, aged 39.

Dental College

1902. Morris Aloysius Anglim, d. at Bay City, Mich., Sept. 17, 1906, aged 35.

Honorary.

1897. Daniel Putnam, LL.D., A.B. (Dartmouth) '51, d. at Ypsilanti, Mich., July 29, 1906, aged 82.

NON-GRADUATES

Marguerite Bell, *h*'91-'92, M.D. (Hering) '94, d. in Detroit, Mich., July 17, 1906, aged 42. Buried at Mull, Ont.

Andrew Washington Bowman, *m*'73-'75, M.D. (Rush) '78, d. at Davenport, Iowa, July 17, 1906, aged 59.

William Emerson Chamberlin, *m*'63-'64, M. D. (Wooster) '72, d. at Akron, Ohio, Aug. 11, 1906, aged 65.

William DeMott, *l*'60-'61, d. in Ann Arbor, May 26, 1903, aged 71. Buried at Tecumseh, Mich.

Everard Delemere Ferguson, *m*'65-'66, M. D. (Bellevue) '68, d. at Troy, N. Y., Sept. 8, 1906, aged 63.

Isadore Fregeau, *m*'58-'59, M.D. (Montreal) '61, d. at Sherbrooke, Quebec, Sept. 2, 1906, aged 72.

James Hathorne Goddard, *m*'60-'61, M.D. (Cincinnati) '66, d. at Sedgwick, Kans., June 5, 1906, aged 66.

William George Howard, *l*'68-'69, B.S. (Kalamazoo) '67, d. at Kalamazoo, Mich., Aug. 8, 1906, aged 60.

Christopher Antony Jaeger, *m*'52-'53, M.D. (Cleve. Homœo.) '54, d. at Elgin, Ill., Aug. 24, 1906, aged 79.

Thomas Fletcher McCreary, *m*'64-'65, M.D. (Bellevue) '66, d. at Dickson, Tenn., June 27, 1906, aged 65.

Archibald Rowse McGregor, *e*'92-'95, *l*'94-'95, d. at Canton, Ohio, Oct. 23, 1901, aged 27.

Gerald Gower McKellops, *d*'90-'92, '93-'94, d. at Cincinnati, Ohio, Aug. 19, 1906, aged 42. Buried at San Francisco, Calif.

Richard Clare O'Brien, *a*'99-'01, '02-'03, '05-'06, was drowned at Scranton, Pa., July 20, 1906, aged 24.

Pierre DesNoyers Peltier, *m*'57-'58, M.D. (Buffalo) '60, d. at Collinsville, Conn., July 21, 1906, aged 70.

Ezekiel Collier Rice, *l*'64-'65, d. at Mandan, N. Dak., Dec. 2, 1902, aged 61.

Roland Henry Shumway, *l*'95-'96, d. at San Antonio, Texas, May 1, 1906, aged 30. Buried at Rockford, Ill.

Daniel Moore Skinner, *m*'56-'57, M.D. (N. Y. Univ.) '58, d. at Belleville, N. J. Sept. 26, 1906, aged 71.

Mary Elizabeth Stark, *m*'78-'79, M.D. (N. Y. Woman's) '80, d. at Los Angeles, Calif., July 31, 1906, aged 63.

Thomas James Mumford Starring ("Ford Starring"), *a*'77-'78, d. at Oak Grove, Flint, Mich., June 17, 1906, aged 48. Buried at Detroit.

Samuel Thompson, *m*'64-'65, M.D. (Rush) '67, d. at Toledo, Iowa, June 20, 1906, aged 62.

Lawrence Knight True, *a*'05-'06, was drowned in Saginaw Bay, Aug. 5, 1906, aged 22.

Albert L. Walker, *m*'63-'64, d. in Ann Arbor, Aug. 30, 1906, aged 67. Buried at Salem, Mich.

James Henry Waring, *l*'71-'72, d. at Olean, N. Y., July 6, 1906, aged 58. Buried at Franklinville, N. Y.

Constance Elizabeth Barteau Webber, *a*'97-'98, (Mrs. Herbert H. Waite), d. at Lincoln, Nebr., Sept. 27, 1906, aged 30.

James Weir, *m*'75-'76, M.D. (Louisville) '78, d. at Virginia Beach, Va., Aug. 9, 1906, aged 50.

OBITUARIES

ANDREW JACKSON BIGELOW

Andrew Jackson Bigelow died at King's Hospital, Detroit, July 30, 1906, at the age of seventy-four years. He was a veteran clergyman of the Methodist Episcopal church, and had been pastor of churches at Lapeer, Williamston, Northville, and other towns in Michigan. He was twice Presiding Elder of the Saginaw district of the church, but had been in retirement for some years. He graduated from the University with the class of 1855. He is survived by two sons and two daughters. The burial took place at Adrian, Mich.

WILLIAM OWENS CAMPBELL

William Owens Campbell was born at Hamilton, Ohio, Sept. 3, 1866, where he spent his boyhood and early manhood, as well as his after life. After graduating from the Hamilton schools, he entered the Law Department of the University, from which he was graduated in 1887. One year later he was admitted to the bar and en-

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tered upon the practice of his profession. He was a charter member of the Butler County Bar Association and gave his entire life to the practice of his profession, never having held any elective political office. He died at the home of his brother near Hamilton, Ohio, the 15th day of August, 1904, and is survived by a brother and an aged father. The Butler County Bar Association passed resolutions of respect upon his death.

JAMES RICHARDSON CARY

James Richardson Cary was born in Saratoga County, N. Y., Oct. 13, 1831. His early education was received in district schools and the Friends' School at Poughkeepsie, N. Y., and at Providence, R. I. Later he spent several years teaching at Hempstead, L. I. In the summer of 1855 he came to Ann Arbor, and enrolled with the class of 1859, with which he was graduated. He removed to Des Moines, Iowa, after graduation, where he became principal of the high school. In the early sixties he became a reporter for the Iowa State Register, with which he continued for several years. In 1869 Mr. Cary removed to Blair, Neb., and became engaged in the nursery business. In 1872 he became lecturer and organizer of Good Templar Lodges, and a little later he took up like work for the Sons of Temperance of Nebraska. He removed to Cuming County, Neb., in 1874, and located on a farm near Beemer, where he engaged in farming. Meanwhile he was continuing his temperance work and in May, 1887 he purchased the plant of the "Neligh Republican" and changed its name to the "Antelope Tribune," which became, under his hands, a prohibition newspaper. In 1898 he discontinued this work, and bought the "Yeoman" of T. H. Pollock, which he sold in 1905, and retired from the newspaper business. He was married in 1874 to Mary Matthews of West Point, Neb., who with three children survives him. He died at Neligh, Neb., Sept. 2, 1906.

WILLIAM GEORGE HOWARD

William George Howard was born in 1846 near Edwardsburg, Cass County, Michigan. After graduating from Kalamazoo College in 1867 he took up the study of law and passed one year, 1868-'69, in the Law Department. In October, 1869, he was admitted to the bar and began practice at Dowagiac. He was elected prosecuting attorney of Cass County in 1870, and City Treasurer of Dowagiac in 1871. He removed to Kalamazoo in 1873, where he continued the practice of law up to the time of his death, and where he became one of the leading lawyers of Michigan. He was vice-president, attorney and director of the Home Savings Bank at Dowagiac, and also attorney and trustee of Kalamazoo College since 1888. He was president of the Michigan Bar Association in 1905-1906. He was mayor of Kalamazoo in 1900 and member of the board of education for six years. He died Wednesday, August 8, 1906, of diabetes. He is survived by two sons, one of whom was associated with him in the practice of law under the firm name of Howard & Howard.

RANSFORD S. JOHNSTON

Ransford S. Johnston was born at Gibson, Susquehanna County, Pa., July 9, 1836. After completing his early education in the schools of his native city and the academy at Harford, Pa., he entered the University of Michigan in 1857 and was graduated in 1861. After leaving the University he spent two winters teaching school, returning in 1863 to Ann Arbor, where he attended a course of medical lectures. In 1864 he removed to Delaware to assist for a time in a real estate office, intending to return to Ann Arbor to complete his medical course. He never did so, however, and in the spring of 1868 he started a nursery of fruit trees at Stockley, Del., where he lived for the remainder of his life and where he was the proprietor of the Sussex Nursery. Mr. Johnston was prominently identified with the Grange and the Peninsular Horticultural Society of Delaware. He was married in 1872 to Barbara Stockel. He died at Stockley, Aug. 26, 1906, of a complication of diseases. His wife and two daughters survive him.

WILLIAM LEHNARTZ

William Lehnartz died at Los Angeles, Calif., July 16, 1906, aged 27 years. He was graduated from the University of Michigan in the mechanical engineering course with the class of 1900 and received the degree of A.M. in 1901. He was a member of the Verein Deutscher Ingenieure and had been employed as a mechanical engineer by the Bucyrus Co. and also the Allis-Chalmers Co., of Milwaukee, Wis., with whom he was associated at the time of his death.

WILLIAM AUSTIN MOORE

William Austin Moore was born April 17, 1823, at Clifton Springs, N. Y. of Scotch-Irish ancestry. In 1831 his father removed to Michigan settling on a farm near Saline River, in the southern part of Washtenaw County. After some pre-

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paratory work at Ypsilanti, he entered the University from which he was graduated in 1850. In 1852 he entered the law office of Fraser, Davidson & Holbrook, and was admitted to the bar Jan. 8, 1853. Since that time he has been in almost constant practice of his profession. He was chairman of the Democratic State Central Committee from 1864 to 1868, and Michigan member of the National Democratic Committee from 1868 to 1876. For four years he was president of the Board of Education and for three years president of the Park Board of Detroit. At the time of his death he was a director of both the Michigan Mutual Life and Standard Life & Accident Insurance Companies; president of the Detroit Fire and Marine Insurance Company; and was also a member of the board of directors of the Wayne County Savings Bank and American Exchange National Bank. He was trustee of the Detroit Museum of Art and of the Woodward Avenue Baptist Church. On Dec. 3, 1854, Mr. Moore married Laura J. Van Husen; the golden anniversary of the wedding was celebrated two years ago. On Sept. 15 he fell and broke his leg while alighting from his carriage, and he never recovered from the shock of the accident. He died Sept. 25, 1906, at the age of eighty-three. His wife and one son, William V. Moore, who has been associated with his father in the practice of law, survive him. Resolutions of respect were passed by the Detroit Bar Association.

FREDERICK RIETBROCK

Frederick Rietbrock was born at New Munster, Kenosha County, Wis., in 1839. He was graduated from the Law Department of the University in 1865, and from college he went direct to Milwaukee and engaged in the practice of the law. In 1877 he formed a partnership with Lawrence W. Halsey, who had been his classmate at Ann Arbor, together with Judge D. H. Johnson, his former partner. The firm was known as Johnson, Rietbrock & Halsey, which continued until Mr. Johnson was advanced to the circuit bench in 1888. The firm then became Rietbrock & Halsey and continued until 1900. Mr. Rietbrock served one term as district attorney of Milwaukee County, and was also chairman of the Democratic committee for several years. In 1890 he became interested in timber lands in Marathon County, and for the purpose of developing that country he formed a partnership with his son and two sons-in-law under the name of the Rietbrock Land & Lumber Co. He was deeply interested in farming and in the raising of fine Guernsey cattle, and his herd was admitted by authorities to be one of the best in the United States. He was a member of the Milwaukee and Wisconsin Bar Associations, the Milwaukee Sharpshooters Society; the Calumet Club; the Germania Society; the Pine Lake Yacht Club, of which he was Commodore for many years; and also ex-president of the Western Guernsey Stock Breeder's Association and International Live Stock Association and a member of many other kindred associations. He organized and constructed in 1889, the Abbotsford and Northwestern Railroad, of which he was the President and General Manager; he was president of the Athens Electric Light & Power Co., and various other local enterprises. He was married to Helen M. Peters, Feb. 4, 1866, who died Feb. 5, 1901. Mr. Rietbrock died at Athens, July 23, 1906, after an illness of three months. He is survived by a son and two daughters. His funeral address was delivered by Judge Lawrence W. Halsey, his law partner and life-long friend.

GEORGE PROCTOR WANTY

George Proctor Wanty was born at Ann Arbor, March 12, 1856. His parents, who came to this country in 1853, were English, though he was descended from an old Huguenot family. After completing his work in the common schools of Ann Arbor, he worked for several years as bank clerk and book-keeper. He then entered the University, and was graduated from the Law Department in 1878. After graduation he began the practice of law at Grand Rapids, where he has since resided, and where for many years the partnership of Fletcher and Wanty was well known. In 1884 he was elected president of the State Bar Association and on March 12, 1900, the anniversary of his birth, he was appointed by President McKinley Judge of the United States Court for the Western District of Michigan to succeed Henry F. Severens. Judge Wanty was one of the recognized authorities on federal law in the United States. His most notable decision was that upholding the constitutionality of the ad valorem tax law, which was recently sustained by the United States Supreme Court. It was said of Judge Wanty that no case of his was ever reversed by a higher tribune. He was president of the Muskegon News Company, of which his brother, Harry G. Wanty, was publisher. Judge Wanty was married June 22, 1886, to Emma Nicholas, who with two children, Helen, aged thirteen, and Thomas Cooley, aged eleven, survives him. He died July 9, 1906, in London, England, following a surgical operation.

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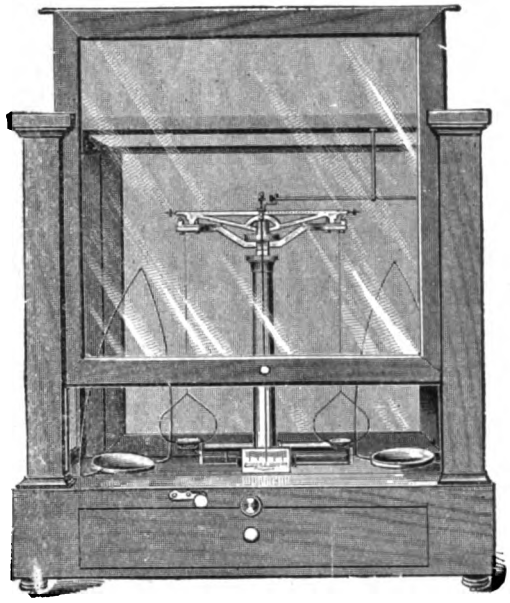

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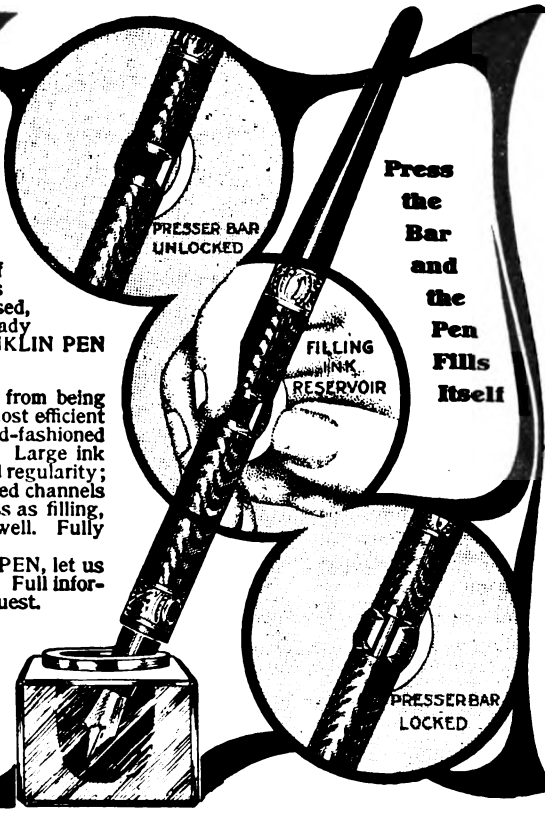

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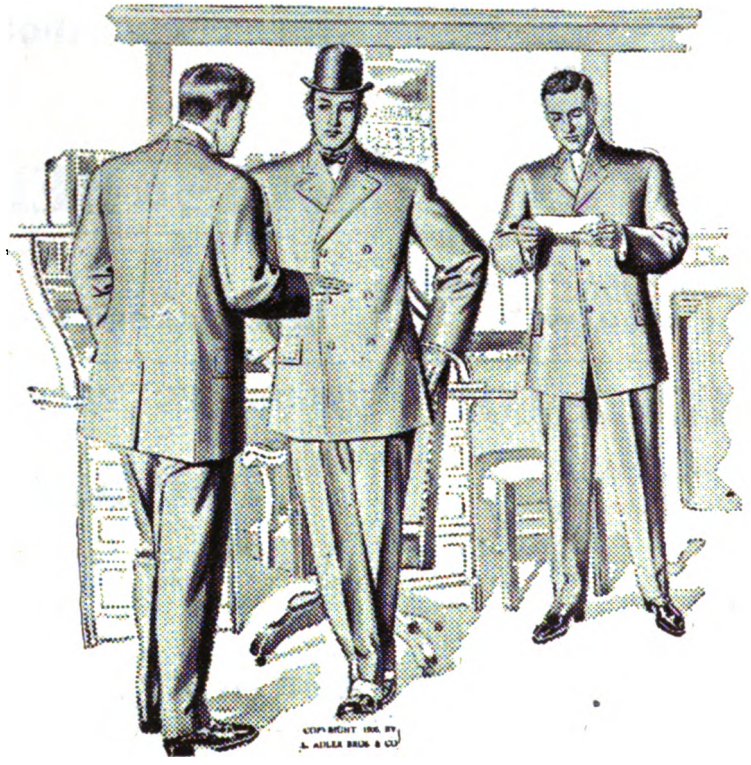

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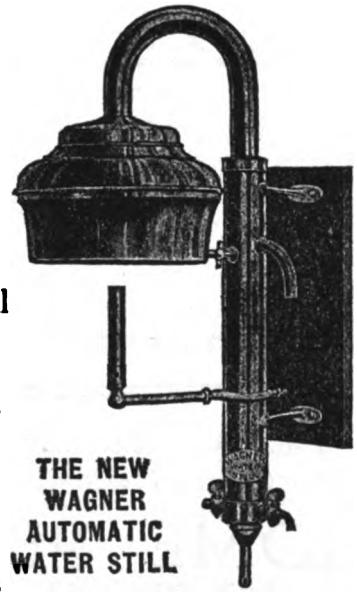

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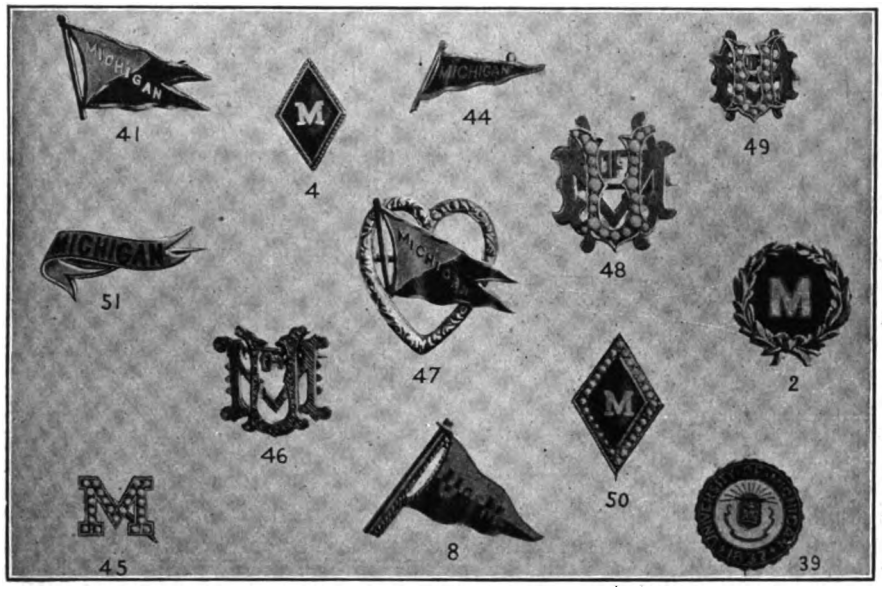

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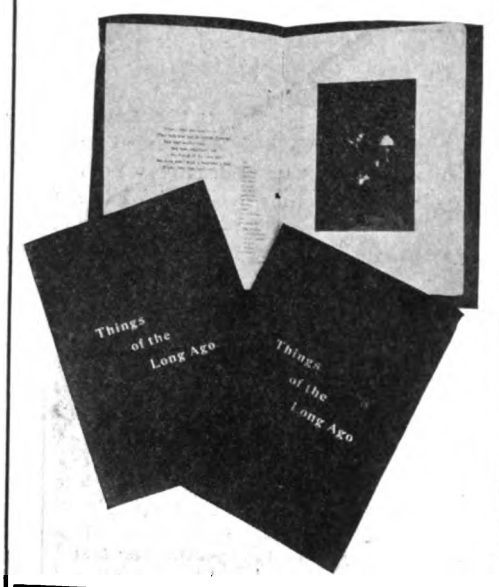

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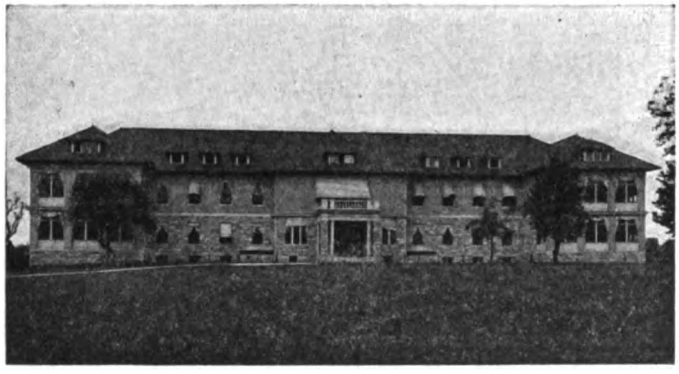

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THE MICHIGAN ALUMNUS

VOL. XIII NOVEMBER, 1906 No. 118

EVENT AND COMMENT

REGISTRATIONS FOR 1906-07

Registration figures, for all departments, as shown upon the books of Secretary Wade, show no such remarkable gains in attendance as was revealed last year at this date. Nevertheless there has been a consistent and reasonable increase everywhere except in the Law and the Homoeopathic Departments, which show a rather surprising decrease. The number of registrations through October 22 for the present year, and through the 23d last year, the same day of the week, are as follows:

Departments	1905	1906
Literary	1,502	1,603
Engineering	1,149	1,191
Medical	332	346
Law	856	740
Dental	130	168
Pharmacy	58	89
Homœopathic	81	69
	4,118	4,206
Total increase		88

The figures published last year at this time showed an increase of 409 over the registrations for 1904-05; so there has been a decided falling off in the proportionate gains. However, the summer school showed an addition of about 100 new students so that we may still expect that the calendar for 1906-07 will show approximately 4,800 students. ¶ A detailed comparison of the gains by departments will doubtless prove interesting. The largest increase is shown in the Literary Department, which has 101 more students as against 62 in 1905-06. This gain, however, is more than offset by an actual loss in the Law Department of 116. Last year the greatest gains were made in the Engineering Department, which had enrolled, at this time, 181 more students than on the year previous; whereas the returns for the present semester so far show an increase of only 42. The Dental Department continues to gain, showing an increase of 38 as against 27 last year, but the Homœopathic Department has lost to date 12 students. A gain of 13 is reported in the Department of Pharmacy.

A SMALLER INCREASE

It has been suggested, however, that this considerable decrease in the rate of growth is far from being an unmixed evil. Last year the various Faculties found it exceedingly difficult in many cases to provide accommodations for their increased classes; and of course this problem will continue and will become more pressing each year until new buildings are provided. But after all we would not have it otherwise. It is a healthy sign, and will compel in time the increase in equip-

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ment which we so much need. If we were suddenly to be confronted by an actual falling off in attendance in all departments we should immediately look around to see what was the matter. As long as the increase continues we may know that the University has not reached the maximum of her possible efficiency, and that the field is not yet covered. This year there has been, however, a falling off in two of the professional schools, the law and homœopathic medical, that may have some significance. ¶ There are two factors which may explain this falling off in the number of aspirants for the legal profession, and these may possibly hold quite as good in the medical school. The first is the undoubted decrease in the numbers entering both professions all over the country. They are becoming overcrowded, and consequently less lucrative, so many young men are going into the engineering profession as one that offers, just at present, better and more immediate returns. Another reason may be found in the increase in requirements for entrance into the professional schools. These have been stiffened from year to year, until it is a matter of surprise that the growth has continued so consistently. ¶ Another interesting fact is that, while the number of women students remains approximately the same, 720 this year as against 714 last year, Dean Jordan reports that the number enrolling as Freshmen is smaller, and those coming with advanced credits from other colleges correspondingly larger. This might be taken possibly as indicating that the smaller colleges are growing in favor for the first years of college life while the universities are more popular in the upperclassman years. The attendance of women by departments is as follows: Post graduates, 25; literary, 655; medicine, 22; homœopathic, 10; dental, 5; pharmacy, 2; engineering, 1; total, 720.

PRESIDENT ANGELL'S PORTRAIT

The portrait of President Angell to be presented to the University by the Michigan Union was completed during the summer. In the opinion of the artist, Mr. William M. Chase, of New York, it is one of his best works, and all those who have seen it speak in highest terms of its merits, both as a portrait of the President and as a work of art. Dr. Angell himself is especially pleased with it. At present it is being exhibited at Providence, Dr. Angell's old home, and the seat of his Alma Mater, Brown University. Later it will form, as Mr. Chase himself says, the artist's principal picture at the fall exhibit of the New York Academy of Design. Those who know Mr. Chase's reputation among American artists will know what that means. ¶ One artist, who is also a close personal friend of President Angell, after seeing the picture had this to say: "The portrait is a grand success and is a work of great authority. The expression is marvelously caught; the modelling of the head wonderful. The mouth is a beautiful piece of work, and I see that he (Mr. Chase) is greatly pleased with his success in the painting and modelling of the nose. I thought the hands quite as remarkable as the face, and I have no doubt that they were more difficult. There is a sense of arrested movement about them which is masterful, and the modelling and color are very fine. They are about as prominent as the face. With what splendid abandon he has treated the gown, and what grace and beautiful values he has given to the Brown hood! It is so unstudied, as though it had fallen from above and dropped there. He says it arranged itself. All these still life points are minor, but they go to make up the whole. To the uninitiated eye, I presume the first criticism will be that the complexion is too florid. If it

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were less so, in a few years the color would sink in and the skin would become pallid. I am sure he considers the portrait a great piece of work."

THE PRESENTATION AND UNION DINNER

The formal presentation of the portrait of Dr. Angell will take place Saturday afternoon, December 8, in University Hall. On the evening of the same day will be held the annual banquet of the Michigan Union, a function which has already come to occupy a recognized place in the list of attractions for the college year. Owing to the fact that the portrait will be upon exhibition in the East until after the first of December, it was deemed best to postpone the banquet until the two events could be held on the same day. Well known alumni will be present and speak upon both occasions, although the final list of speakers has not been published, at the time of this writing. ¶ It is intended by the Union that this day shall be one that is long remembered by those present —an historical occasion and many alumni will doubtless wish to attend. Inasmuch as there will be places for only 900 guests at the tables, it is very desirable that all graduates from out of town who wish to attend send their names, as soon as possible, to Mr. M. G. Pierce, General Secretary for the Union, or to the Secretary of the Alumni Association. Application should be accompanied by one dollar, the price of a plate. Admission to the presentation of the portrait will be free to alumni and students.

ABOUT THE "RUSH"

"Rushing" seems to be a necessary form of undergraduate, or more particularly underclassman life. At least it is something that we do not seem to be able to do without. If Freshman and Sophomore enthusiasm is dammed in one direction, it breaks out immediately at some other point, and the uncertainty as to the direction the flood will take keeps the overworked powers that be continually upon the *qui vive*. Hardly had the University formally opened its doors this year, before the lower classes broke loose for a merry week or so, and kept the good citizens of Ann Arbor awake until all hours of the morning. Town and Campus walls were covered with fire breathing proclamations and one or two unlucky Freshmen seem to have been decorated in the same way. Finally the machinery of the Student Council, which we may suppose was a little rusty after its summer's idleness, got under way, and the noise o' nights was effectually stopped, with the promise that there should be an official rush that would be all that could be expected of such an important feature of college life. ¶ This occurred as planned on Friday night, October 5, and furnished for a few minutes a great deal of fun for the spectators, and supposedly for the participants. The rush was carefully planned, and carried out, under the auspices of the Student Council, and opportunities were furnished for strategy which were taken advantage of by the generals of the Sophomore army. A pole had been planted on the campus, near the diagonal walk to the Gymnasium, and in front of the New Medical Building. This was crowned by a cluster of incandescent lights and a seat for a referee. Below this was hung a banner, of yellow and blue bunting four feet square. It was the task of the Freshmen to defend this flag for half an hour from the Sophomores. An immense crowd was on hand to witness the battle. The noise was so great that Referee Henry F. Schulte had to be told when the Campus Clock struck 7:30, so that he might signal that the battle was on. The Freshmen were locked closely

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around the pole in concentric circles, which the Sophomores attacked from all sides. After harassing the Freshmen for a short space of time in small bands that tore individual members of "naughty ten" from their fellows and hurried them to the nearest tree, the crowd opened out and let in a brigade of Sophomores with pails of water that thoroughly drenched the Freshmen on one side. No sooner had they retired than a closely formed body came out on the same side and wedged themselves in among the disconcerted Freshmen. After this it was easy for the attacking Sophomores who climbed over the shoulders of the closely packed Freshmen to the pole, and snatched the trophy from its place. ¶ The whole struggle lasted six minutes, and was characterized by the orderly way in which it was conducted. If such things must be, it is probably best to have them in some such way as this. Criticisms of the rush were published in the *Daily* a few days afterward. The general concensus of opinion seemed to be that some changes were necessary to overcome the obvious advantage which experience and better organization gave to the Sophomores. The best suggestions seemed to be, that the Sophomores be given the task of defending the banner and the Freshmen take the aggressive.

THE S. L. A. COURSE

The Students' Lecture Association and the Choral Union promise an unusually interesting series of entertainments for the coming winter. Included on the course of the Lecture Association are such speakers as William Jennings Bryan, Charles A. Towne, who is a graduate of the University with the class of 1881, J. Lincoln Steffens, Booker T. Washington, Governor A. B. Cummins of Iowa, President Gompers of the American Federation of Labor, and Senator Robert M. La-Follette. More distinctly popular are a lecture by Frank W. Gunsaulus, D.D., the recitations and readings of Leland T. Powers and F. Hopkinson Smith, who have been before Michigan audiences many times, Creatore's Band, and the Annual Oratorical Contest. ¶ Upon the publication of this programme, one of our contemporaries, of the daily press, in Detroit, which has never been noticeable for its sympathetic attitude towards University affairs, took occasion to animadvert editorially upon the radical character of this course as represented by four or five of the speakers, who were characterized in picturesque terms as, among other things, an "all star cast of rollicking radicals." With this protest THE ALUMNUS is hardly in sympathy. We might admit the desirability of a few more speakers of more conservative mind, but we hardly believe that the excess of political and social pyrotechnics will prejudice seriously future American citizenship, as our friend in Detroit seems to fear. A university audience should be among the first to listen to both sides of the many public questions that we have before us.

CHORAL UNION CONCERTS

A magnificent song recital by Madame Schumann - Heink October 26 formed the first number of the series of concerts which are to be given during the winter under the auspices of the Choral Union. She was greeted by an enthusiastic audience of May Festival proportions, that gave plain evidence of her popularity in Ann Arbor. A popular program by the Pittsburgh Orchestra, November 23, under the leadership of Emil Paur, will be the next number on the course. On December 11, comes Madame Samaroff, the Russian pianiste, and on February 15 Elsa Ruegger, 'cellist. Emilio de

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Gorgorza, a singer well known to Ann Arbor audiences, will close the winter series with a song recital, March 18. ¶ The Annual May Festival for 1907 will be held during the week ending May 11. There will be five concerts as heretofore, but if the present plans be carried out the symphony concert which has usually been given Saturday afternoon will open the series on Wednesday night, the 8th, instead. This arrangement extends by one day the time in which the concerts are given and will tend to make attendance at all five concerts less arduous, while at the same time it will give the visitors a better chance to see Ann Arbor and the University. Handel's "Messiah" and Saint-Saens' "Sampson and Delilah," on Thursday and Saturday nights respectively, will be the offerings this year of the Choral Union.

THE COSMOPOLITAN CLUB

One of the most interesting of the many organizations and clubs which have sprung up in the student body during the last few years is the Cosmopolitan club. The requirement for membership are unique. Any person who can speak fluently two languages, or has lived two years in foreign countries, or who is of foreign birth, is eligible to membership. The club at Michigan is only one of a number of such organizations in various American Universities. There are similar clubs at Cornell, Wisconsin, Illinois and Harvard. The local club has a membership of fifty and maintains a club house at 614 Monroe Street, at which twelve of the members live. The objects of the club are given as, social, literary, and "to bring about a better understanding among nations." Meetings are held once every two weeks at which programs dealing with the various countries are given. There are members from eighteen foreign countries and it is the intention of the club to have a night dealing with each one from which members are enrolled. The officers for the present year are as follows: President, Kiyo Sue Inui, Japan; vice-president, Saran Dass, India; secretary, Conrad Raps, Germany; treasurer, H. J. Wambold, Canada. From the roster of the club for last year, and including the new members for the present year, the number of men representing the various countries are as follows: Japan, 3; Germany, 5; Philippines, 4; United States, 5; Canada, 3; Armenia, 4; Poland, 2; India, 3; Russia, 4; Porto Rico, 3; France, 2; Peru, Mexico, Chile, China, Norway, Austria, Turkey, Greece are also each represented by one member.

THE NEW FOOTBALL RULES

Interest in football under the new régime, has suffered little if any real decline. The shortened season and the lack of a big game at Ann Arbor, or in the West, have lessened, perhaps, the usual uproarious enthusiasm, but the fact that over 5,000 wet and draggled spectators braved the driving rain and wind, Oct. 27, to see the Illinois game, showed that popular interest is as lively as ever. The new admission prices, however, fifty cents for students and Faculty, may be in part responsible, since they are bringing the game within the reach of everyone, but there seemed to be no diminution in the sale of seats at the higher price.

The working out of this scheme for cheaper admissions, so as to prevent abuse of the privileges offered, furnished a nice problem to the authorities, and while the scheme adopted may seem somewhat cumbersome, it is the simplest of a number submitted to the Board of Control, and has proved effective in actual operation. A list is kept of all the students in the University, and

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every applicant for the low rate is requested to identify himself and to sign a card, so that there shall be no opportunity for duplication. Holders of these student seats, which are in a special section, in the middle of the field, are expected, if requested, to identify themselves at the game, so that there is very little opportunity for a person not a bona fide student to obtain one of these seats. One feature of this plan which has created some amusement, is the practical difficulties which beset the student who wishes, as one expressed it in a communication to the *Daily*, "to take a young lady with him to the game and at the same time enjoy the benefits of the fifty cent rate." The question has been solved by placing the ticket upon deposit and requesting the young lady to call and identify herself as the actual person in question. The difficulties are insurmountable, however, when the young lady happens not to be a student.

On the whole, however, the new plan is practical, and has met with great favor from the students, inasmuch as it provides a very effective cheering section, composed entirely of students, and at reduced rates as well. Some of the other provisions of the Conference recommendations have also had their effect. In some cases they have worked a little hardship, on Michigan especially, since our main game this year is with Pennsylvania, which is not bound by any such obligations as the abolition of the training table, and of early practice before the opening of college. These restrictions, combined with the fact that Yost has had fewer experienced men than ever before upon which to build a team, have made it much more difficult to produce one of championship calibre. The late start in practice and the lack of a training table have made the men especially slow in rounding into physical shape, even under Fitzpatrick's watchful eye.

But Michigan has taken kindly to the new rules; speed and dexterity are more at a premium,—and they have always had a large share in Yost's football curriculum. Critics of the game have remarked that the Western teams have seized upon the essentials, demanded by the new rules, more quickly than the Eastern teams, and Pennsylvania's defeat by Carlisle, 24 to 6, seems to bear this out, since the Indians have always been characterized by speed and strategy. Pennsylvania's poor showing against Carlisle, however, is disappointing from a Michigan point of view. We should like to meet a team that will fairly represent the East, and while Pennsy may be lying low, it is hardly conceiveable that she would be willing to take such a drubbing for the mere purpose of misleading Michigan in estimating her real strength.

Ever since the new rules have been adopted, prophets have been busy telling how they will work out in actual practice. Many of their prognostications seem to have been borne out in actual practice, so far this present season, but it is still too early to tell finally just what the new game will be like. Football has been revolutionized to a certain extent. From a game of close mass plays, with a rare resort to kicking, and where possession of the ball is of the greatest value, it has become a punting game, in which possession of the ball by the other side is often of great strategic value, and where a long series of mass plays, in teams of any where near equal strength is almost impossible. It is undoubtedly a better game for the average spectator, but the element of luck has to a certain extent replaced the science of the old form of the game. Director Charles Baird, although in sympathy with the new rules, has characterized the old game as "unquestionably the most scientific of all sports, where the element of chance has the least

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influence upon the final result." Given two teams of known strength the result was almost a certainty. This of course, was perhaps not an unqualified advantage; the game had become a little too highly specialized, but the new game at present has carried us back in the other direction. The teams and coaches have not yet had time to work out all the possibilities of the rules; that will take several seasons, but meanwhile many of the objects which the Rules Committee set out to solve have been accomplished. The new game is apparently less dangerous, the smashing mass plays have been done away with, a more open game has been necessitated, and agility and speed have been placed at a greater premium.

THE OCTOBER MEETING OF THE REGENTS

The Board of Regents met Oct. 26 in the Regents' Room in the Law Building. All were present with the exception of Regent Hill.—The annual report of the librarian was read and accepted, and the librarian was given permission to print the report in pamphlet form.—The executive committee reported the appointment of Adolph Ziefle as assistant in pharmacy, and W. W. Hale in pharmacology and therapeutics; Carl E. Perry assistant in political economy, and Irvin D. Scott assistant in geology for one semester. F. W. Weck was made instructor in German; and Calvin H. Kauffman instructor in botany on full time; and Laurence Hadley assistant in mathematics.—A resolution was passed for the amendment for the May meeting of the Regents showing a long list of promotions and appointments: Assistant Professor Louis A. Strauss was advanced to Junior Professor; Instructor Frederick L. Dunlap was made Assistant Professor of Analytical Chemistry; Assistant Professor John A. Fairlie was advanced to Junior Professor; Instructor Ewald Boucke was made Assistant Professor of German; Assistant Professor Tobias Diekhoff was advanced to Junior Professor; Assistant Professor John R. Effinger was advanced to a Junior Professorship; Instructor Harrison M. Randall was made Assistant Professor of Physics; Instructor James B. Pollock was made Assistant Professor of Botany; Assistant Professor Edward H. Kraus was advanced to Junior Professor; Instructor William D. Henderson was appointed instructor in physics; Charles L. Harpham, assistant in accounting in the Department of Political Economy, was appointed instructor; Assistant Professor Alviso B. Stevens was advanced to Junior Professor; Assistant Professor Henry C. Anderson was advanced to Junior Professor; Instructor W. H. Butts was made Assistant Professor; Instructor Howard B. Merrick was appointed Assistant Professor of Surveying; Instructor Charles J. Tilden was appointed Assistant Professor in Civil Engineering; Carl John Wiggers was appointed instructor in physiology; B. G. Maris was made assistant in the Gymnasium.—The Board appointed David Inglis, M.D., of Detroit as Lecturer in Nervous Diseases without pay. He is to take part of Dr. Herdman's work during the latter's absence on leave. The rest of the work will be borne by Dr. Barrett and assistants.—It was reported that Theodore D. Buhl of Detroit, has renewed the fellowship of $500 for the year, and the thanks of the Board was ordered returned. By vote of the classical staff the fellowship was divided between Adolph Marius and Miss Dale Livingstone.—Inasmuch as Professors D'Ooge, Fairbanks, Kelsey, and Dennison have been invited to give lectures in various cities under the

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auspices of the Archæological Society of America, C. B. Newcomer, Ph.D., appointed instructor in Greek and Latin, without compensation, to take their classes during their occasional absences.—Miss Loura B. Woodruff was also made assistant in Greek and Latin without compensation.—Professor Fairbanks was also granted an appropriation of $91.50 for lantern slides.—Cora Hardinghaus was made clerk to the appointment committee.—James W. Glover was made Junior Professor of Mathematics. William J. Marshall was appointed assistant in physiological chemistry in place of Boyden Nims, at the same salary. William Weldon Pasco was appointed third assistant in physiology in place of Mr. Marshall, resigned.—George B. Roth was appointed Parke-Davis fellow in pharmacology.—It was also ordered that the west end of the old medical building be vacated immediately.—Alfred W. Hansen was appointed student assistant to the Assistant Dean of the Engineering Department.—Sohe Ide was made assistant to Dr. Dock in the laboratory of medicine.—Upon the recommendations of the various Faculties the following degrees were granted: Ph.D., Frank Burr Marsh, Howard Daniel Minchin; A.B., Hugh Pitzer Allen, George Albert Barnes, Simeon James Bole, Charles Bagley Ducharme, Benjamin Bear Gould, Alma May Elizabeth Hinkle, Max Ray Hoover, Fay Mar Hopkins, Emma Rosetta Kassebaum, Francis Washington Kirkham, Mary Grace Lung, Franklin Crocker Parks, Clyde S. Paxton, May Abbie Renwick, Clement Eyer Smoot, Tracy Olleton Sweetland, Oscar Stuart Trumble, Catherine Van Gorden. B.S. (C.E.), Clifton O'Neal Carey, Irving Dean Goodwin. B.S. (Chem. E.), Louis Heath Allen, Raymond Byron Silverman. B.S. (Mar. E.), Irwin Goodrich Chase. LL.B., Alvin Louis Alberti, Thomas Foster Anderson, Thomas Chauncey Bradfield, Robert Hinckley Cook, Robert John Firman, Harry Oliver Glasser, Patrick Joseph Keenan, John Brainerd Orton, Karl Edmund Steinhauer, Edson Blaine Valentine, William Perry Wilson. Ph.C., Neil T. Chamberlin, James T. Bowles. Elva Jane Conat and Florence Victoria Yourex were granted diplomas from the Training School for Nurses.—The following gifts were reported by the Dean of the Engineering Department and the thanks of the Board were extended to the donors: From the Blackmer Rotary Pump, Power & Mfg. Co., Petoskey, Mich., one number one iron belt Blackmer Rotary high pressure pump; from the Columbia Engineering Works, Portland, Ore., one 4½ inch Philips hydraulic ram for the hydraulic laboratory; from the Morse Williams & Co., Philadelphia, Pa., one model of Hindley worm gears.—The net sum of $531.37 was reported by Professor Demmon as the receipts from the Ben Greet performances in the spring.—The Board then adjourned until the afternoon.—Upon reassembling the report of the summer school was read and the recommendations contained therein were referred to the special committee on summer schools.—Laurence R. Boyer was formally appointed assistant in physics at $600.—The Stearns fellowship in pharmacy, given by Frederick Stearns & Co., for the last eleven years, for $350, was renewed. Lewis E. Warren was recommended for appointment to this fellowship.—Hugo Sonnenschein was made assistant in American history to Professor VanTyne.—Hubert Francis Allen was made assistant in rhetoric.—Roy Wood Sellars was made instructor in philosophy at a salary of $900, and John F. Shepard, B.S., was advanced from the assistantship in psychology to instructor in the same subject.—The Board then adjourned until Nov. 15.

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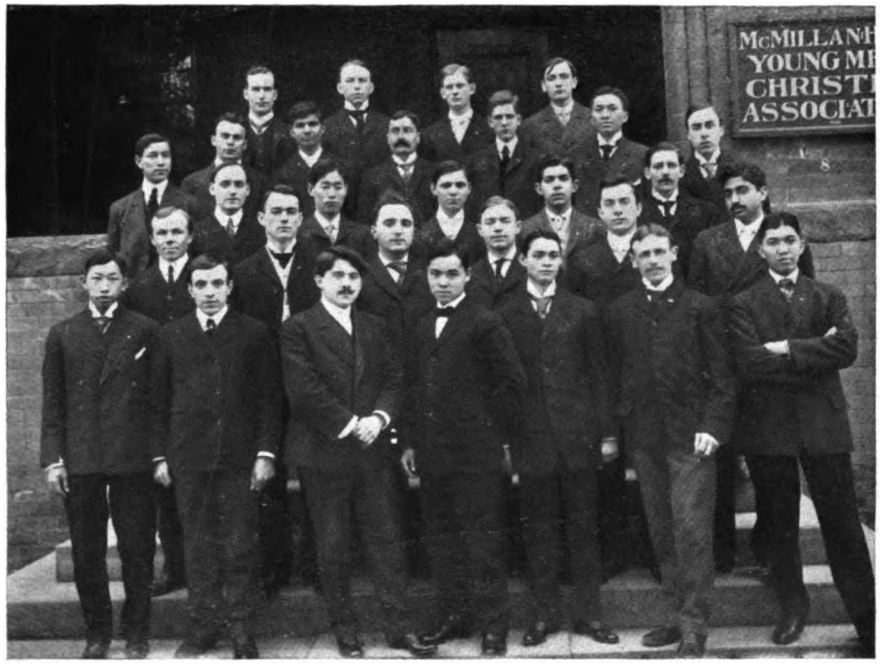

THE UNIVERSITY OF MICHIGAN COSMOPOLITAN CLUB

FIFTEEN DIFFERENT COUNTRIES ARE REPRESENTED IN THIS PICTURE

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PRESIDENT ANGELL'S ANNUAL REPORT

To the Regents of the University:—

I beg to present to you my annual report for the year ensuing September 30, 1906.

We have met with heavy afflictions in the death of three of the members of the Literary Faculty.

On March 1 Paul Rousseau Bellon de Pont, A.B., B.S., Assistant Professor of French and Registrar of the Literary Department, died suddenly of angina pectoris. He had been in service since 1871. Of a distinguished French family, educated in the college de Juilly also the College Rollin, his fine breeding, his excellent taste in literature and in music, and his genial temperament, greatly endeared him to his colleagues and to the students, with many of whom his duties as registrar brought him into close relations.

Albert Henderson Pattengill, A.M., Professor of Greek, died on March 16 of heart disease. He had been connected with our Greek department since 1869. He was a teacher of unusual power over his students. They learned from him not only Greek, but learned also how to study. He was exacting in his requirements and many of our graduates testify that under his guidance they gained the habit and learned the value of strenuous self-discipline in scholarly work. As a member of the athletic board of control from its organization, and for a large part of the time its chairman, he rendered most valuable service to the University.

On May 1, Israel Cook Russell, C. E., LL.D., Professor of Geology since 1892, died after a brief illness of pneumonia. He had a wide and honorable reputation as a geologist both in this country and in Europe. He had done much useful work in the service of the Michigan geological survey, and in that of the U. S. survey. He had also written several books, which are highly esteemed. He was a student and a writer of indefatigable industry and a most interesting lecturer.

The attendance, inclusive of that of the summer school (in the summer of 1905) was 4,571, exclusive of that 4,293. In our calendar for the year preceding the corresponding figures were 4,136 and 3,852. In the regular session there was a gain in the literary department of 149; in the engineering department of 172; in the law department of 25. Rapid as is the general increase in numbers, the attendance of Michigan students is still more rapid. Last year they formed 57 per cent and this year 59 per cent of the school. But the large attendance from other states, which are provided with excellent colleges, remains notewarthy and is gratifying, e. g., Ohio, 399; Illinois, 335; New York, 262; Pennsylvania, 197; Indiana, 181; Iowa, 93; Missouri, 73; New England, 62. All our territories except Alaska, our insular possessions, 43 states, and 16 foreign states and provinces were represented in our body of students.

The increase in attendance last year over that of the preceding year was between 400 and 500, a number equal or superior to the entire attendance in many an American college of good repute. And no reason is now apparent why a rate of increase approaching this or equal to it may not continue for some years. It is a noteworthy fact that an increase almost as rapid is experienced by several of the largest universities of the west, while the attendance of the more important universities in the east shows no such rate of increase; indeed in some of them there has been a decline. The reasons for the phenomenon in the west seem to be three: first, the number of good high schools which prepare students

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for college is multiplying at a rapid rate; second, the prosperity of the west in recent years has been such that a much larger proportion of parents can send their children to college; and, third, the passion for education is constantly growing stronger in the west, and with it the conviction which was formerly not held by some influential persons that a thorough training in a college or technical school is an excellent preparation for a career in business or in engineering. It seems clear therefore that this university, like other western universities, is called in shaping its plans for the future to provide for the instruction of great numbers of students. The state is confronted with the problem of maintaining a great school for all the years to come, but we who are charged with the immediate management of the school have before us the problem, by no means a simple one, of devising the best means of instructing such a great and ever increasing number of students. It behooves the state to take large and generous views of the obligation it has assumed in founding the University, and it behooves the Regents and the Faculties to consider carefully how they can so conduct the great trust committed to them by the state as to make it productive of best results.

The following figures show the attendance of women for last year and for this year, (exclusive of the summer school, in which the number was exactly the same in both years, 111.)

	1904-5	1905-6
Department of literature, science and the arts	646	680
Department of medicine and surgery	30	25
Department of law	1	2
School of pharmacy	2	1
Homoeopathic medical college	13	9
College of dental surgery	2	3
	694	720

The attendance in 1902-3 was 714, in 1903-4, 716. These figures tend to confirm the conclusion given in my last report that the number of women for sometime to come is likely to be about 700.

I regret to say that we lose from our teaching staff Andrew C. McLaughlin, Professor of American History, who becomes professor of history in Chicago University, and George Hempl, Professor of General Philology and General Linguistics, who has accepted the professorship of German in the Leland Stanford University. These professors are drawn from us by the strong inducements of higher salaries and of such organization of their departments as to leave them larger opportunities for study and research than they have enjoyed here. We have been reminded before that we are exposed to the danger of losing some of our more eminent teachers on similar grounds, and the question is forced upon us whether we can find the means to fix a scale of salaries which shall protect us against the desire of our stronger universities to call into their service some of our most eminent teachers. With the rapidly increasing cost of living the necessity of raising the salaries of competent college and university professors is gaining recognition all over the country. We cannot, if we would, isolate ourselves from the general competition for securing the best men, unless we are willing, as we cannot be, to content ourselves with a staff inferior in merit to other universities. It may not be necessary to fix a scale of compensation as high as that in some university towns, where the expense of living in a decent and becoming manner is necessarily higher than it is here, but our scale must bear a more just proportion to it than it does now if we are permanently to retain our ablest men. That is an unwelcome statement to make in view of the present condition of our treasury, but nothing can be gained by

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blinding our eyes to the plain facts in the case. It is proper that the state, as well as we ourselves, should know them.

The vacancies caused by deaths and by resignations we have filled as follows:

André Béziat de Bordes, who has before served us very acceptably, is appointed Assistant Professor of French in the place of Professor de Pont.

Henry Fairbanks, Ph.D., succeeds to the chair of Greek, held by Professor Pattengill. Dr. Fairbanks, a graduate of Dartmouth, Yale and Leipzig, was a member of the faculties of Cornell University and the Iowa State University and has won a recognized position among the classical scholars of America by his writings.

The chair of geology, vacated by the death of Professor Russell, is temporarily filled by Professor William H. Hobbs, Ph. D., a graduate of the Western Polytechnic Institute and of the Johns Hopkins University and a student at the University of Heidelberg. He has been connected with the United States Geological Survey and has been a member of the faculty of the University of Wisconsin, and has had an excellent scientific reputation both here and abroad.

Assistant Professor VanTyne is promoted to the Professorship of American History. His success as a teacher and the reputation he has made by his valuable works on American history are a sufficient guaranty of his fitness for his new position.

Frederic L. Paxton, Ph.D., a graduate of the University of Pennsylvania, succeeds Mr. VanTyne as Assistant Professor. He has produced sterling contributions to American history. He has filled with success the chair of American history in the University of Colorado.

A portion of Professor Hempl's work is distributed among other professors. The work in Anglo-Saxon, old English and middle English is committed to Dr. Tilley, a graduate of the University of Virginia, who pursued special studies abroad, and has held a place in the faculty of the Syracuse University.

The force in the department of the science and the art of teaching has been increased by the appointment of Irving King, Ph.D., as Assistant Professor and examiner of schools. The work falling upon that department is rapidly growing more heavy and important.

Some have feared that the strong desire of young men to get to their professional studies, and the marked trend in recent years of the graduates of our high schools toward engineering studies would reduce the attendance on the Literary Department. It is therefore, gratifying to observe that there has been a gain in that department this year of 149 students. Our professional schools are so strong and so conspicuous that we who are custodians of the University need always to bear in mind that the Literary Department should be cherished and nurtured as the source of the central life and power of the institution. The faculties of our professional schools, including the Engineering Department, would be glad if every one of their students would take the whole or a considerable part of the work required for the degree of Bachelor of Arts before coming under their care. At present it does not seem practicable to require this. But there would be a weakening of the University in every fibre if the Literary Department should ever be allowed to decline in the vigor or richness of the training which it gives. The ablest and most inspiring teachers must be found for it, even if this calls for salaries as generous as those required to draw men from the professions to the chairs in our professional schools. We may well consider whether our policy on this point does not need some revision.

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The Engineering Department has been busily engaged in revising its course of study and getting fairly settled in its new building. It has been somewhat embarrassed by its crowded classes. The work laid out makes most strenuous demands upon the students and calls for one period of six weeks in the summer vacation. That makes an important addition to the cost of instruction and is objected to by some parents. The work of training a modern engineer is so heavy and so varied that if the principal schools will agree to adopt the plan of a five years course, that will probably be expedient. The demand for well trained and capable graduates continues and shows no signs of abating. We are now graduating marine engineers who readily find positions in ship yards.

We are now to resume instruction in architecture under Professor Emil Lorch. It was carried on from 1876 to 1880 under Professor Jenney, and some men were graduated who have attained eminence in their profession. The work was provided for by a special appropriation of the legislature at the urgent suggestion of Governor Bagley. But in 1877 the legislature failed to renew the appropriation and so the instruction was necessarily and much to our regret, discontinued. We trust that we shall now be able to maintain it permanently.

Notwithstanding the general decline in attendance on medical schools, our Department of Medicine and Surgery substantially held its ground this year. The increasing demands which state legislatures and state medical boards are making on students for admission to practice are hastening the extinction of the weaker schools. After a good proportion of these have been eliminated the stronger schools will probably regain their former members. In no department of education has greater progress been made in the last few years than in that of medicine. But if the best standard of instruction is maintained, perhaps no department of education except engineering is so costly. And it is quite impossible for the old fashioned "country schools", as they were called, to meet the necessary expense, and to promise the long course of instruction now required. Medical education is, therefore, likely to be concentrated in the larger and thoroughly equipped schools.

Our Law Department continues to maintain its lead of all the law schools in the country in point of attendance. Indeed the numbers are almost embarrassing. But by strenuous and exacting demands on the students, the standard of work is held up to a high level. An increasing number of the literary students take the combined literary and law course.

The homœopathic college and the school of pharmacy both register a small gain in attendance. The figures remain so steady that we may, perhaps, conclude that the demand which they are meeting is about the normal one.

The Dental Department appears to have overcome the shrinkage due to the changes made a few years ago by the lengthening of the course, now that the three years' course has been restored. We are very glad to announce that the desire which we have cherished for some years to bring to the faculty Dr. W. D. Miller, professor in the University of Berlin, is to be met. He will come to the school as Dean a year hence.

Dr. Miller graduated here A.B. in 1875. He has made a world-wide reputation for his researches in the bacteriology of the oral cavity. As a scientific investigator he will add great strength to our faculty.

It will be remembered that the legislature on its own initiative, not at our request, made an appropriation for the erection and maintenance of a psychopathic ward adjacent to the un-

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iversity hospital, in which persons suffering from peculiar affections of the nervous system or in the incipient stages of insanity could receive special treatment and in which their ailments could be made the subject of special study. This work was to be done in close and friendly relations with the state asylums for the insane. When the ward was opened a number of patients were sent to it from the asylums. I am informed that the asylum boards and superintendents are pleased with the results of the experiment and we are confident that this wise ministration to the comfort and relief of the class of patients for whom this ward is reserved will continue to receive the needed support by the state. I need hardly add that our medical professors are more than willing to render gratuitously such assistance as they can in the case of these patients.

During the past year the condition of the observatory has been very materially improved. The residence for the director has been enlarged and remodelled; the west wing of the main building has been converted into a single large room for the accommodation of the observatory library and for use as a study and seminary room; the computing room and the quarters for students have been renovated; and the basement under the computing room and students' quarters has been converted into an instrument shop, supplied with an excellent equipment of machine and bench tools, especially suited to the repair and construction of instruments. An instrument maker, Mr. E. J. Madden, has been employed since January in fitting up the shop, in overhauling, repairing, and making additions to such of the present instruments as require it, to put them in condition to meet the requirements of modern practice in astronomy.

To enable the observatory to extend its activities, the Board of Regents at their June meeting made an appropriation toward the construction of a large reflecting telescope for photographic and spectroscopic work. The order for the optical parts of this instrument, which is to have a clear aperture of thirty-six inches, has been placed with the firm of Messrs. John A. Brashear Company, Allegheny, Pa. They have ordered the glass required from makers in Paris. The plans for mounting this instrument are now under consideration.

The summer school is growing in numbers and in importance. The following figures give the attendance in the summer of 1905 and of 1906:

	1905	1906
Department of literature, science and the arts	514	560
Department of medicine and surgery	74	96
Department of law	103	133
	691	789
Engineers required to take a summer course in addition to their regular work	125	245
Total number under instruction	816	1034

The number of women each year was 111.

It is interesting and encouraging to note that in the session of 1906 there was an attendance of 54 graduate students. Of these 13 are candidates for the degree of Ph.D.; 32 for the degree of A.M., and 9 are not candidates for a degree. Of these 54, the men numbered 34, and the women 20. Forty are graduates of this University and fourteen of other colleges.

Omitting consideration of the laboratory fees, which are largely payment for materials furnished, the expense of the summer school is about $3,000. But it is doubtful if any equal expenditure is more helpful to the State or to the University. The teachers, who form so large a proportion of the students, return to their schools prepared to teach with new efficiency and also filled with fresh interest in the work of the University. It is a wise policy to strengthen the

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school so far as our means will allow.

The appointment committee has come to be an important part of our organization. It aims to supply the demand for teachers in our high schools and in colleges by a discriminating choice of our students and graduates. It takes great pains "to put the right person in the right place." It has assisted during the year in placing no less than two hundred persons. So judiciously is it doing this work, in spite of the fact that it cannot avoid some mistakes, that school boards now very largely trust implicitly to its judgment, and accept without much question the persons the committee recommends. The committee is thus rendering a most valuable service to the schools, as well as to our students. The members of that committee deserve great credit for the care and skill with which they have performed their delicate and difficult duty.

The libraries of the university have been increased during the year by the following accessions:

	VOLS.
General library	9,044
Medical library	1,335
Homœopathic library	201
Dental library	46
Shakespeare collection	252
Goethe collection	19
Law library	999
Total	11,896

Of the accessions to the general library 3,233 volumes were gifts and 758 were received in exchange. Of the accessions to the medical library 505 volumes were gifts and 76 were received in exchange. There were also 25 gifts to the homœopathic collection and 66 gifts to the law library. Counting the exchanges as gifts, the latter amounts to 4,663 volumes, or two-fifths of the entire number of accessions.

In February last we found it practicable to accomplish what we had long desired, namely, a plan for allowing students to draw books from the general library for use in their rooms. We have so many readers that this policy could not well be adopted until the present number of volumes had been accumulated. The students highly appreciate the privilege thus granted.

The statistics of the circulating department show that in the second semester 1,046 students availed themselves of the privilege and of the 4,636 (to June 21) books taken out for home use (exclusive of the overnight circulation) fifty per cent belonged to English literature. The figures show the following authors to have been the most frequently borrowed: Shakespeare, Hardy, Stevenson, Dickens, Kipling, George Eliot, Jane Austin, Hawthorne and Thackeray. Of the remaining fifty per cent the circulation was divided as follows by per cent:

Philosophy and religion, 5 3-5; sociology and economics, 5; education, 2; science, 4; medicine, 4; fine arts and music, 1; German literature, 5; Romance languages, 8 2-5; Latin and Greek, 3; history, 12.

We have again to thank our benefactors, Mr. Dexter M. Ferry, Parke, Davis & Co., Frederick Stearns & Co., Theodore D. Buhl, Peter White, Mrs. Helen H. Newberry and Mrs. George S. Morris for the continuance of fellowships.

We are also under obligation to Hon. A. M. Todd, of Kalamazoo, for offering five prizes of one hundred dollars each to our students for essays on subjects of great importance, and also for a valuable collection of Egyptian antiquities.

We owe our thanks to an anonymous donor of important additions to our De Criscio collection of classical archæology.

Mr. Nathan M. Kaufman, of Marquette has established a testimonial of $150 to be given to the honor men in the oratorical contest.

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We are under special obligations to Dr. Walter H. Nichols, B.S., 1891, and his wife, Esther B. Connor Nichols, B.S., 1894, for the gift of some thirty acres of land in the eastern part of the city for a botanical garden. The intention is to use it for the growth of trees and plants native to this region so that students may readily have access to them. This garden is adjacent to a tract of twenty-three acres, which the city has purchased for a park. It is contemplated that there shall be no fence between them but that they shall be open in common to the public. Both the citizens and the students will appreciate the opening of these spacious and attractive grounds.

In my last report I discussed at some length the condition of college athletics and the reasonable and unreasonable criticisms upon the players and upon the college authorities. I closed by saying "indisputably, then, something remains to be done to rid college athletics of certain objectionable practices, and college faculties who have already done so much to abolish abuses are not likely to neglect their duties in the future. They all desire to secure the general participation of students in some form of outdoor activity."

In harmony with these ideas the nine western universities, whose students have been accustomed to meet in intercollegiate athletic contests, especially in football, sent delegates from their faculties to two conferences during the year to consider what new rules, if any, they should agree on for the better regulation of football contests. It was found that they were nearly all of one mind in condemnation of certain usages which had grown up. They were of the opinion that there were too many great games in each season; that too much time and too much money were devoted to the games; that freshmen ought not be allowed on the University teams, that the employment of coaches brought in from outside the institution and especially at extravagant salaries should be dispensed with; that the price of tickets of admission to the games should be so reduced that all the students could afford to attend, and that the offering of pecuniary inducements to school boys or to others to come to college in order to play on the team should be condemned and forbidden.

The Conference adopted a set of rules, embodying these ideas, and calculated to carry them into effect, and these rules were approved by the faculties of the several institutions.

Meantime many other colleges and universities, mainly those in the east, held conferences with a view to modify the rules of playing, in order to make it less open to the charge of violence and brutality, which had been made. After long deliberation they came to an agreement and the western universities accepted their decision on that point.

The autumn games now will be under these changed conditions. It remains to be seen what the results will be. Certain it is, that the faculties have in good faith endeavored to make some reforms. I believe that it will prove that their efforts have not been in vain. Certain it is that football will continue to be played and will attarct many spectators and will probably excite more interest among students than any other athletic game.

I am happy to say that during the year we have been able to make the needed addition to the physical laboratory. The department of physics is now fairly well provided.

But our funds did not suffice for the erection of the other buildings of which we are in such pressing need. We trust that in some way we may receive from the state the means for constructing some of the buildings so urgently called for. The reconstruction of the old medical building, which

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has been condemned by expert engineers as unsafe, the erection of a new dental building, the enlargement of the library building, and the construction at no distant day of a new and more spacious chemical laboratory I spoke of in my report a year ago. We could probably without any extravagance expend half a million dollars on new buildings of the simplest architecture. Our work will be seriously hampered if we cannot soon be provided with some of them. The Alumni Association have not yet begun the construction of the Memorial building, for which they have subscribed the funds, because they have not yet decided how large a structure it will be wise for them to erect. The answer to that question depends on how large a sum will finally be available.

We have every reason to suppose that the citizens of Michigan are satisfied that we are making a prudent and effective use of the means they have placed at our disposal for the support of the University. We trust that they will see that with the continued and rapid growth of the institution and with the improvement which we in common with other great universities are constantly striving to make in our institution the expense of maintenance, must, in spite of our practice of the utmost economy, necessarily increase. Some of our sister states in the west are devoting larger sums that we to the support of their universities, although the number of their students is considerably less than the number of our students.

JAMES B. ANGELL.

A SYMPOSIUM

ON THE VALUE OF HUMANISTIC, PARTICULARLY CLASSICAL, STUDIES AS A PREPARATION FOR THE STUDY OF MEDICINE AND OF ENGINEERING, FROM THE POINT OF VIEW OF THE PROFESSIONS*

V. THE VALUE OF THE HUMANISTIC STUDIES AS A PREPARATION FOR THE STUDY OF ENGINEERING.

HERBERT C. SADLER, D.SC.

Professor of Marine Engineering, University of Michigan.

The subject of the technical training of engineers is one that has been treated at some length by many writers within the last decade. In the majority of cases, however, little or no attention has been paid to the earlier or preparatory education of those intending to follow this profession.

The engineering profession naturally demands a training along highly specialized lines, and the consideration of this fact has to a certain extent overshadowed that of the purely preparatory, or what may be called the general education, which must form a basis for this specialization.

In the engineering departments—and, it must also be confessed, in the departments of literature, science, and the arts—of our universities the utilitarian spirit has of late assumed a somewhat prominent place; and, in the endeavor to devote his time solely to those subjects which he considers will be useful or money-producing immediately after graduation, the student in all probability will omit those studies which are of the nature of general culture. The time which the average man can spend at the university being limited to four years, and in the case of most modern engin-

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* Continued from the October ALUMNUS, page 23.

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THE FRESHMAN-SOPHOMORE RUSH, OCTOBER 5

THE SOPHOMORES HAVE JUST CAPTURED THE FLAG

SEE PAGE 47

FROM FLASHLIGHT BY LYNDON

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eering courses four years at a considerable pressure, the demands of the purely technical studies, or those bearing immediately upon the same, have rendered the introduction of any culture studies an impossibility. This is due to the fact that, owing to the recent developments within the sphere of science, there is so much more to teach in the old subjects, so much that the students ought to know about the new, that four years is all too short even for the technical work.

With this atmosphere pervading the educational world, it is not very surprising that the student, in deciding upon the selection of certain courses, will ask himself: "Is this particular study going to be *useful to me?*" In his somewhat immature judgment he is apt to lay greatest stress upon those subjects which he imagines may be converted most easily into cash in the immediate future, losing sight of the fact that there may be other things in life besides the mere accumulation of wealth or expertness in his profession.

It may be pertinent at this time to consider the position of the engineer in the economic and social world of today. In the early days of the profession the only representative was the military engineer; but, as time went on, operations other than those of a military or semi-military character demanded men whose training was not necessarily along military lines. Hence arose the term "civil engineer" as applying to those non-military men engaged in engineering in a general sense. The advent of steam and machinery led to a new class, known latterly as "mechanical engineers," this term being used to distinguish the men who specialized in moving machinery rather than in statical structures. In these later days the name of the various classes of engineers is legion, but it is necessary here to emphasize the second main division of the engineering profession, as in the early days it led to the introduction of a class of men entirely different from the civil engineers. Even at the present day many are apt to couple the term "engineer" with machinery, and its accompanying adjuncts of overalls, grease, and grime.

In the early days before the development of engineering as a science, the only method of obtaining knowledge of machinery was by close and intimate contact with it. Engineering courses at universities were unknown, and those who took up this profession—or, more strictly speaking, trade—were in the majority of cases men of somewhat limited attainments, so far as general education or culture was concerned. As time went on, and engineering problems began to attract the attention of scientific men, the methods of the profession began to change. The old "rule of thumb" gave place to scientific method, and the demand for men with a thorough grounding in science—or, in other words, educated men—increased. The reason was not far to seek. New problems were arising continually and these required something more than mere practical experience in their solution. Twenty years ago the employer looked askance upon the graduate of a university or technical school; today the majority of large concerns will employ no one unless he is a graduate. A remark made recently by the manager of one of these may perhaps be of interest as showing his complete change of front; he said, in speaking of the work that a university should endeavor to accomplish: "*You* give them the grounding and theory; *we* can give them practice." So far, then, as the profession in itself is concerned, there is at the present day a demand for educated men.

The modern engineer occupies, in many respects, a unique position. In practically all enterprises affecting the public at large either the respon-

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sibility is thrown directly upon the engineer, or at least his aid is required partially; in fact, he is responsible for nearly all those operations which involve the outlay of large sums of money. As compared with his professional brethren in law, medicine, or divinity, he may be said to be in a position of trust to the community at large rather than to the individual.

He is, therefore, brought into contact with all sorts and conditions of society, and must meet men of all professions or trades, not necessarily in a business way only, but also privately or socially. If statistics could be obtained from prominent engineers of today, I have no doubt it would be discovered that the impulse which gave them their early start was due as much to the help of some influential friend as to their own native ability. The faculty of being able to "get on" with everybody (to use an everyday expression) means more to the engineer than many realize.

These considerations, apart from proficiency in his profession, which, as was seen above, demands an educated man, tend to emphasize the fact that he should also be a cultured man; that is to say, a man with some interests outside his own profession, or at any rate one with sufficient training in what may be called the culture studies to appreciate what is being done in professions other than his own.

The above discussion of the position of the engineer in the world of today, although necessarily fragmentary, will perhaps be of assistance in appreciating the arguments which will follow.

There are certain preparatory subjects which may be regarded as common to all professions, but their relative importance may be greater in some than in others. The study of a so-called culture subject may be useful in fulfilling two objects: first, for the knowledge of the subject *per se*, or as an introduction or basis to others; and, secondly, as a general training for the mind.

So far as the profession of engineering is concerned, at least under the existing conditions, the second may be said to have the greater weight; although the importance of the first cannot be overlooked.

While not an exact science, the study of engineering demands definiteness and conciseness of thought, and one of the chief difficulties that those connected with the education of engineers have to overcome is a tendency to generalization on the part of the student.

An analytic, in preference to a philosophic mind is the type that should be cultivated. In order to be successful, the student should have formed the habit of co-ordination and exactness in his earlier years of study.

While it may be the opinion of many that the introduction of some elementary form of science may accomplish this result, I venture to suggest that as a general rule studies of this nature will have an effect diametrically opposite, and lead toward vagueness rather than concreteness. What, for example, can be done in a subject such as physiology, when it is taught, not for the science itself, but under the influence, and as a means of propagation, of certain ideas of a serious but somewhat misguided body of women? The time so spent would be far more beneficial, both for a general training of the mind as well as for forming a basis to further studies, if devoted to the humanities.

As a means of inculcating ideas of exactness the study of the humanities is *facile princeps*. The niceties of translation, the importance of gender, number, and case, the proper use of the moods and tenses, and the demands of the relative clause, compel the mind toward a certain definiteness which is lacking in many of the sub-

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jects taught in the early stages of education. The most simple translation, or even the study of the grammar of these subjects, demands a directness of attention and a consideration of detail which cannot be otherwise than beneficial to a student whose work in the future will lead him into subjects where generalization is impossible.

As a direct preparation for many studies now required in the engineering curriculum, the humanities also play an important part. In the majority of engineering schools of the present day the first two years are devoted mainly to non-technical subjects, such as preliminary mathematics, English, and modern languages. The benefit of the study of the humanities as a preparation for modern languages is too well known to need discussion at this time. A word, however, may be said regarding the study of English. Few perhaps realize the amount of writing that an engineer has to do, especially if his work is of a consulting character. He is required to report upon numerous schemes; he is often asked to give his opinions relative to the probable success or failure of certain undertakings; and in many cases his evidence in law courts is the ruling factor of the decision. These, together with the preparation of specifications and contracts, demand a familiarity with the English language which, it must be confessed, is often lacking.

While the cultivation of an elegant and literary style is neither demanded nor desired, it is, however, necessary that the engineer should be able to express his ideas concisely, and with at least a certain amount of regard to the common usages of decent English.

It is an everyday experience that the origin of most lawsuits in engineering, especially in cases of interpretation of a specification or in patent suits, may be traceable directly to some idea loosely or inadequately expressed. The English speech, which one of our modern writers has aptly characterized as "the sea that receives tributaries from every region under heaven," requires a background of training in the humanities, at least for a full appreciation of sentence structure, if not for the benefit derived from the study of the grammar of these subjects.

It may be pertinent here to call attention to the amount of time spent upon, and the methods of teaching English grammar in most of our public schools. The idiosyncrasies of the preposition and the conjunction, the use of the comma and semicolon, and many other details throughout the whole domain of English, are learned by rote; and the ease with which some children can reel off pages of rules, without the slightest idea of their meaning or application, is at once a source of wonder and of pity.

I venture to suggest that, if half the time at present devoted to this kind of study of English were spent upon Latin, the net result from both an educational and mind-training point of view could not be otherwise than beneficial.

As a matter of fact, most children begin the study of languages far too late in their curriculum, and there is no reason why Latin, and perhaps French, should not be begun in the grade schools. So much of the earlier part of a language must necessarily be learned by rote that it seems hard to realize why these studies have not been introduced in preference to some of the somewhat useless and inadequate frills so often found in many of our schools. Both in England and Germany, Latin and French are begun at a much earlier time than here—generally between the ages of eight and ten; and, what may seem peculiar, no other studies are neglected to make way for these.

Although the above discussion may be considered as somewhat beyond

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the scope of the present paper, yet, when the previous arguments are taken into account, I trust I may be permitted this digression.

In connection with the study of the humanities as a preparation for an engineering education, the question as to the length of time that should be devoted to these will naturally arise. The work at present required of engineering students, in the general four-year course, leaves practically no time for elective studies; and even if time were available, it is an open question whether this should be devoted to the further study of humanities or not, especially as in any case it would not amount to a sufficient number of college hours to prove beneficial. In the years immediately preceding the university—that is to say, throughout the high-school course—the study of the classics is certainly most desirable. At present the engineering department of this university accepts only two years of Latin for entrance requirements; but in all probability these conditions will be revised in the future.[1]

If the languages could be begun in the grade schools, then perhaps three years of classics in the high schools would prove sufficient for most cases. The last year could then be devoted to those subjects—such as chemistry, physics, and modern languages—which would cover the other entrance requirements. After all, the object of a university entrance examination is simply to show that the student has a moderately well-trained mind; and I venture to suggest that one who has devoted his time to the study of the humanities will be in as good a condition to absorb the university work as one who has spent his time in getting a smattering of a number of subjects, some of which are practically useless.

It may be interesting to notice that, on the average over the past three years, 49 per cent. of the total number of entrance languages presented by candidates for admission to our engineering department were Latin, about 37 per cent. German, and 11 per cent. French, and the remainder a small fraction of Greek, Spanish, or no languages at all. Of these it is a little difficult to say, without looking up a mass of certificates, how many students had more than two years of Latin; but the presumption is that the majority did not have more than this amount. While two years of a language such as Latin is certainly better than none at all, it is doubtful if a student has any particular grasp of the subject in so short a time.

The difficulties attendant upon the somewhat crowded conditions of work in the regular four-year course, as well as the demand for men with a somewhat broader education, have led the engineering faculty of this institution to consider the advisability of arranging a six-year combined literary and engineering course.

As, however, the technical work has been revised and rearranged during the past year—and this in itself has entailed a considerable amount of change—the committee in charge of the proposed course deemed it wise to see how this new scheme worked before reporting upon any further possibilities of extension. In a general way it may be said that the work in the literary department will be chosen so as to give the student a good general course—with perhaps a few electives, but not many. It is the desire of the department to give the student a broader education, especially on the culture side.

With this in view, it is hardly necessary to point out the advisability of the study of the classics in the high-

[1] Since the reading of this paper, the Engineering Department of the Unversity of Michigan has decided to accept two, three, or four years of Latin. Greek is also accepted for entrance.

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school grades. Even with a six-year course, provided that a student had at least four years of Latin previously to his coming to the university, it is doubtful if there would be any particular advantage in the continuance of this line of study in his higher education.

While the writer is aware that many points in connection with the subject of this paper have remained unconsidered, or dwelt upon somewhat lightly, it was thought best to give a general survey of the conditions at present obtaining in the engineering profession, and to trust that some of the important details would come up in the discussion.

In conclusion, it may be said that it should be the desire and aim of everyone connected with the education of engineers to raise the standard of the average or rank and file of the profession, so that in the future it will not be a source of wonder and surprise when an engineer is discovered who has interests outside his profession, and who can appreciate art and literature for themselves alone.

VI. DISCUSSION OF PROFESSOR SADLER'S PAPER.

GARDNER S. WILLIAMS, C.E.
Professor of Civil, Hydraulic, and Sanitary Engineering, University of Michigan.

Mr. Chairman, Ladies and Gentlemen:

Engineering as a profession has come to a sudden popularity. At the present moment, taking it in all its branches, it may safely be called the most popular of the professions; and it also, from its traditions, is looked upon as a most practical profession. It was developed essentially as such, and those who simply look at it from the outside so regard it. That was its original characteristic, and it may be interesting to note that some of its early exponents felt that when they had completed their life, they had done all the engineering it was necessary for anyone to do.

It is related of Thomas Telford, one of those early civil engineers to whom Great Britain owes so many of her canals and roadways, that when a young man made application for the privilege of studying engineering under him, he replied by asking what the applicant expected to find to do in the profession, saying: "I have built all the canals and all the roads that are necessary, and I do not see what there is left for you to accomplish." That was the view that a practicing engineer took of his profession in the first half of the nineteenth century. And even now, judging from its history and traditions, there is no profession that may more properly say: "Away with the culture study! Away with Greek and Latin! We do not need them." And there is no profession that has said it more frequently than has the profession of engineering. But there have been divers reasons for that. It was not wholly the engineer's fault. Our cultured friends must take a little of the blame upon themselves. They chose to look down upon the engineer; and, though quite justly, nevertheless the engineer objected to being looked down upon. The votaries of classical training were able to say that the great men of history had been men of classical training. They could support their assertion with the figures. They could say that of the men who had risen to prominence in whatever line they chose to select, the great majority were men of classical training. But they overlooked the fact that a man in those days who had any training at all had to have a classical training; that if he had the advantage of any education, it was a classical training.

The past fifty years, largely as the result of engineering, have developed a new kind of education in which the classics have been left out, and we are

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to consider whether on the whole that is best. First it was argued that the practical side had no place in university training; then, that the cultural side could be properly omitted, and the demand was for the practical; but one might as well say that, as glass is good for windows, he will build his house's walls of glass, or, because wood is good for the panels of a door, that he will make the window panes of wood. The sensible position is an intermediate one. The two things must come together, each in its proper place. But, unfortunately, with the antagonism of classics toward engineering, or more properly toward the engineer, as he rose in the world he had ground into him a reflex antagonism toward the classics which he looked upon as his chief enemy.

As time has gone on, engineering has advanced both in influence and in learning. I venture to say that ten years ago an engineer would hardly have been invited to speak upon this subject before such a gathering as this; and even though he had been, he hardly would have said the things I am prepared to say.

When the institution of Civil Engineers of Great Britain was formed, it adopted in its constitution Thomas Tredgold's famous definition: "Civil engineering is the *art* of directing the great sources of power in nature to the use and convenience of man"; but at the present time I contend that Thomas Tredgold's definition is insufficient. If it were sufficient, it would not seem to be necessary to appear here as an advocate of classical training for engineers. I maintain that engineering ceased a considerable time ago to be an art; and I would say: "Engineering is the art and *science* of directing the great sources of power in nature to the use and convenience of man;" and I would distinguish between an art and a science, in that science is classified knowledge, while an art is merely based on information; the scientist knows *why*, the artist knows only *how*. The engineer must know both. He must not only know the rule, but the reason for the rule, the underlying conditions which have produced that rule. So the engineer of today is reaching back to those days when devotees of natural science were not looked upon as mere practical men; when they were received and courted by the most cultured; and when the literature of the time, the most popular literature, was made up of their work. We are going back to look at the productions of Descartes, Newton, Bernoulli, D'Alembert, Prony, and Bacon, and of many others whose names are famous on the pages of history, and whom one does not ordinarily think of as belonging to the engineers in any way.

When the engineer goes beyond the merely practical results, to the arrangement of those practical results with a view to discovering within them the law according to which their causes operated, something more is required than the mere observation of everyday occurrences that one is taught in the course of a practical training. It requires an attention to detail and an inquisitiveness that is seldom observed in one who has come up simply as an apprentice. The development of the reasoning faculty is not to be found in the solely practical. The devotion to detail is the thing that must be looked to, to the fine differences and the fine distinctions, whether they be in the construction of a sentence, in the establishment of a theory, or in the mending of a road.

The engineer is now called upon to describe his work, to lay down rules for its furtherance, and when he lays down his propositions they must be so laid down as not to be misunderstood. In other words, the engineer must be master of his language. How

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can he become so? He must acquire a large vocabulary. And how can this best be done?

There are those who urge that for the engineer the sciences offer all that is necessary, and that the time spent upon any language at all is wasted. The next step after asserting that the sciences offer all that is needed, when that is shown to be untenable, is to assert that modern languages supply the deficiency, and we have the error of that idea before us in many of our present students. Anyone who has studied the ancient languages feels that there is something very materially lacking in the groundwork of the modern languages. German and French seem like a child's production as compared with the structure of Latin. Nor can one properly understand English without an understanding of the Latin grammar, I believe, though he should study it until he were gray. There are features of language which the study of English in iteslf does not bring out, and which cannot be brought out until one goes back to its parent tongue; and it is in these distinctions of meaning that the engineer must ultimately become versed. Oftentimes we look upon the study of language, and the student particularly looks upon it, with a view to its practical use. He says: "I can study German, and it will be of some use to me; I can study Latin, but what good is that to me? Nobody speaks Latin." That is the very fortunate thing about it! Nobody does speak it. If you study Latin, you do not study it to speak it. If you wish to learn to speak German, go and live with a German family; do not waste your time in a classroom. It is not the purpose of the study to learn how to speak the language; the purpose is to understand its structure, and thereby understand the structure of our own language, and incidentally to acquire facility of expression.

There is nothing in which engineers today are so lacking as in the ability to express their thoughts; and there is nothing that will so surely give one such an ability as the translation from a foreign tongue; and the more delicate is the distinction of meaning in different foreign constructions, the better it is for the student.

There is one more point bearing on the question as to whether the training in the high school shall be in Latin or in a modern language. Latin, if it is taught at all, is taught well; and I may say that it is very rarely that the modern languages are. A thing well done, one thing well done, is worth any number superficially done.

We find today that the students who are entering college do not seem to be capable, on the average, of such a high grade of work as those who entered a few years ago. There seems to be a deterioration of the quality of mind, in its adaptability or its training. It has been said that the students who enter college today expect knowledge to be pumped into them or fed to them with a spoon. They look upon college as a kindergarten where they are to take their ease, and have information administered in sugar-coated preparations. They think that they can understand a thing when it is demonstrated before them, and they think that they have acquired it when they merely see it, though they could not reproduce it to save their souls. The result would be the same in translating, if one should read through a book catching here and there a word that he knew, and passing the others by. He would not get far in an understanding of his translation. The student must cover his whole subject; he must see what every word means; he must know the nice distinctions; and by the time he has accomplished that he has absorbed his subject, and when he has had four years of this training in language, he will be able to treat his mathematics in the same spirit.

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Coming to the use of ancient languages in the understanding of words, it is not necessary to go so far as terms like "psuedomorph" or "toxicogenic," and those which are made up of two or three ancient roots. Take such simple words as "affect" and "effect." I venture to say that 95 per cent. of the students of the senior class of this university who have not had a classical training will fail to distinguish the difference between those two verbs; and yet the difference is quite essential and it is especially essential to the engineer.

The information that a student absorbs during the early days of his life, after all is said and done, is not such a very important thing. A great deal of it will very likely cease to be accepted as correct information before he has gotten through college, particularly if it is along many of the scientific lines. We should, therefore, even in the high school, look more to developing and directing the student's mind, than to filling it with miscellaneous bits of information here and there.

If I were to say what would best comprise the preparation of the student for the engineering course, at this time; if I were to lay out four years' work, it would be something along this line, assuming that the student carries four major subjects each year.

I should put first for the first year: English grammar, composition, and spelling—do not forget the spelling. I think I would put next arithmetic, because the student should get through arithmetic in the earlier part of his course. He should be thoroughly trained in it in the grammar school, because, although arithmetic is a true science, a great many things in it must be actually learned, must be impressed upon the student's memory. He will not have time in afterlife for counting up to discover that two and two make four, or figuring out the multiplication tables. He must know them. I would put next in the first year Latin, and then I would put history.

Going to the second year, I would put Latin first, I would put algebra second and I think I would introduce physics, elementary physics, because then it is time that the pupil should begin to appreciate some of the laws of nature. I should prefer history to make up the last study, but out of deference to some of my scientific friends I would submit to biology.

Third year: Latin first, algebra second, English composition and rhetoric third; then another language, either German or Greek—it would not be French. Not that I have anything against French, but if one has a thorough foundation in Latin, French comes too easily to warrant any time in its acquisition in the high school.

For the fourth year I would put Latin first, geometry second; then I would put English literature, the reading and the speaking of the masters of English—and I consider this a very important one of the branches: the understanding of a great language, the formation of an accurate vocabulary, the development of a taste for something besides the vernacular. What we need today is less of the dialect and more of the pure English. It would be better for our language, if those who are seeking to perpetuate the dialect of the plains and of the "poor white trash" of the South would cease their efforts, and let us get back to the language of Thackeray and Scott. Then as a fourth branch I would put in either German or Greek.

In closing, it may be well to state what inclines me so strongly to Latin. My father did not have an opportunity to study it, but he thought that it was wise that his son should, and a portion of my time in the high school was devoted to that subject. With a retrospect of twenty years, it seems to me I am warranted in saying that I could

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have better spared any other course that I took in high school than the Latin. If something must have gone, if I could have taken but three-fourths of the subjects that I took, the Latin would be first and foremost, the one thing that would not have been left out.

VII. DISCUSSION OF PROFESSOR SADLER'S PAPER.

GEORGE W. PATTERSON, PH.D.

Professor of Electrical Engineering, University of Michigan.

In discussing my colleague's paper on "The Value of Humanistic Studies as a Preparation for the Study of Engineering," I wish to raise my voice in favor of things whose bread-and-butter-value is not evident.

Herbert Spencer,[1] in his essays on *Education*, writes at length on "what education is most worth." He says:

"If we inquire what is the real motive for giving boys a classical education, we find it to be simply conformity to public opinion. Men dress their children's minds as they do their bodies, in the prevailing fashion. As the Orinoco Indian puts on his paint before leaving his hut, not with any view to any direct benefit, but because he would be ashamed to be seen without it; so a boy's drilling in Latin and Greek is insisted on, not because of their intrinsic value, but that he may not be disgraced by being found ignorant of them—that he may have 'the education of a gentleman'—the badge marking a certain social position, and bringing a consequent respect."

While in general men of science will agree with Spencer in looking upon an education limited to so-called humanistic studies (meaning thereby polite literature, grammar, rhetoric, and poetry, including the study of the ancient classics) as a very narrow and bigoted kind of education, yet I am not willing to stand on his side and say that science is the exclusive education of most worth. His wholesale belittling of the classics makes me class him also among the bigots. Is not a position intermediate between the extremes, the sensible place for parents and teachers to stand?

For the sake of definiteness I shall consider whether or not the engineer is better fitted for his life-work if he has had a full high-school course in Latin preparatory to entering the study of engineering. I wish my sons to study Greek too, but I shall base my thesis on the study of Latin.

For the engineer, then, what knowledge is of most worth? And does it include Latin? Knowledge is classified by the thinking man into, (*a*) value for itself alone, (*b*) value for foundation for other knowledge, (*c*) value for training solely.

Let us consider Latin under these three heads, taking them in their inverse order. The boy, or the girl, needs foundation on which to build his education just as surely as any other builder needs a secure foundation; and, in my opinion, the value of a subject for the foundation training of a boy's mind is of great importance. Now Latin, with its structure obeying fairly consistent rules, is able to furnish the mind with exercise of practical value comparable with the value of exercises to the musician. The study of Latin grammar gives good opportunity of holding the pupil to good consistent work, and leaves little room for vagueness.

But the value of Latin for training solely would not be a sufficient excuse for its use in the education of the child; for the same argument might be made with reference to Sanskrit or Arabic. So let us turn to the consideration of Latin under the second heading—value for foundation for other knowledge. Language study, even if without value in itself, or as

[1] Herbert Spencer, *Education*, p. 7.

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training for the mind, is yet necessary for the well-informed engineer; for he should be able to keep abreast of the progress of his profession in other lands, and a reasonable knowledge of French, German, and perhaps Italian may be looked upon as necessary tools of his trade. In my opinion, these modern languages will be better acquired by an engineering student who has had a good Latin training.

We have already established the right of Latin to be included in the curriculum. We shall, however, not rest with a simple right to be included—we shall go on and say that it is unwise to leave the student any option in the matter; and the justification for this stand is that Latin is not only of value for training and for foundation for other knowledge, but it is also knowledge of value for itself alone; in other words, it is a part of "knowledge of most worth." This will be seen when we consider that the Latin language is the most extensive source for the words of our own language, and that no one can really know English, French, or Italian who is a stranger to Latin. The engineer is not a man apart from the rest of mankind. To be a success as an engineer, he must be a man among men who are largely in other walks of life. He must be able to write clear, concise, accurate reports to his clients or employees; and a thorough mastery of English is a tool without which the owner cannot afford to be. Let our engineer, then, be a man of all-around culture, who, though a modern man of science, does not fail to appreciate the good things of yesterday, today, and I believe tomorrow.

But many say that there is not time for four years of Latin in the training of the engineer. I believe that there is not only room for four years, but even room for six years. Why do we tolerate useless studies? Why do we compel our children to learn obsolescent tables of weights and measures, to be forgotten tomorrow? Why do we have courses in physiology whose object is to give children perverted notions of a grand science? Why do we have courses in patriotism—a thing which every boy should learn at home? Why do we waste precious time in mastering absurd spelling? Answer these questions by saying that we will reform our ways, and then the engineering student will find plenty of time for four, or better six, years of Latin, and even some Greek too, and thus not neglect a part of knowledge of most worth.

VIII. A CURRENT VIEW OF COLLEGIATE EDUCATION FORMULATED IN PROPOSITIONS.

JOSEPH B. DAVIS.

Associate Dean of the Department of Engineering, University of Michigan.

1. Languages are not "practical."

2. A college education has no especial significance. It is a fashion to go to college, so children are sent.

3. College should prepare people for obtaining money.

4. There must be a shorter way of getting into college than through the preparatory schools.

5. Enrollment in a college adds an indefinable, but vast, accretion to one's learning and wisdom.

6. Preferences not justly earned, are expected—"graft."

7. High-school graduates are prepared to begin the study of a profession.

8. Anyone can plan a college course, a course that will be ever so much better and more "practical" than the one planned by those who have spent their lives at such work. Children are especially sure they can do this, and are not only permitted, but encouraged, to do it.

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News

ATHLETICS

IN MEMORIUM—ERNST SCHMITZ

It is with deep regret that the editor announces the death on November 2, of Ernst Schmitz who has, for the past year, so ably filled the position of athletic editor of THE ALUMNUS. His death which occurred at Detroit was caused by pneumonia. The news comes just as we go to press so that we can do little more than express our sympathy with his friends and our own sense of personal loss.

Mr. Schmitz was graduated from the University with the class of 1905 and at the time of his death he was a teacher of German in the Eastern High School in Detroit. At the same time however, he was pursuing graduate study in the University and his weekly visits to Ann Arbor enabled him to keep in touch with the athletic situation. His work for THE ALUMNUS speaks for itself. He was careful, painstaking and well fitted by experience for the position. To the editor, his faithfulness, and interest in the work made him a most valuable assistant, one whose place it will be hard to fill.

MICHIGAN 6; O. S. U. 0

The most determined playing was necessary to enable the Varsity to score 6-0 on Ohio State on Oct. 20. The score was made by a difficult field goal and a safety in the last few moments of play. Although the Michigan team outplayed Herrnstein's men, its work was ragged, and this, combined with the element of luck which plays so important a part in the game under the new rules, was enough to keep our men from scoring a touchdown by straight football. Several times the ball was worked down to striking distance of Ohio's goal, but each time it was deemed advisable to try for a field goal, and Garrels made four unsuccessful attempts. With only four more minutes of play left, he made another attempt at a very difficult angle from the Ohio 35-yard line, and succeeded.

The Varsity suffered from lack of practice, causing slowness and poor team play. The best work was done by Loell, at center. Loell put two of his opponents out of the game and in the last few moments of the second half, when Gibson of O. S. U. was going to punt out of danger, he caused the Ohio center to make a bad pass, and Gibson fell on the ball behind his goal line, scoring a safety for Michigan. The big loose-jointed center was always with the ball—it is impossible to watch the ball without catching a clear picture of Loell tearing along inches behind. Garrels at fullback, played a good consistent game both in punting and in crarying the ball. Steckle and Magoffin did well in the backfield, considering that they entered the contest tired out by a long ride on the cars. Bishop at quarter was excellent at forming interference and running back punts, but showed poor judgment and got in his own way several times.

Both teams lost a great deal of ground through penalties; the most frequent offense was holding in the line; Michigan was also penalized for hurdling.

Herrnstein, Heston's old running mate, coached Ohio State, and has developed a fast and aggressive team, very strong on defense.

A large crowd of rooters went down to Columbus with the Varsity, and the Michigan men were accorded a cordial welcome by Ohio State.

Summary:

Michigan		Ohio State
Newton	Left End	Clafflin
Curtis, (Capt.)	Left Tackle	Lincoln, (Capt.)
Eyke	Left Guard	Lawrence
Loell	Center	Sheldon
Graham	Right Guard	Gillie
Patrick	Right Tackle	Schorey
Embs	Right End	Carr
Bishop	Quarter	Barrington
Magoffin	Left Half	Stolp
Steckle	Right Half	McDonald
Garrels	Full Back	Gibson

Touch downs—None. Goal from field—Garrels. Safety—Ohio scored against through Gibson's fumble. Injured—Lawrence, Ohio, arm broken. Umpire—Hoagland, Princeton. Referee—Wrenn, Harvard. Head linesman—Inglis, Washington, and Jefferson.

MICHIGAN 28; ILLINOIS 9

In the Illinois game, Michigan showed a wonderful reversal of form and won by the score of 28 to 9. The Wolverines could not score a touchdown against Ohio State on the preceding Saturday and won the game only in the last few minutes of play on a placement goal and a safety. But in the Illinois game Michigan scored a touchdown on the very first kick-off, Garrels running 95 yards behind splendid interference for the score. Before the first half was over, Curtis also made a touchdown and in the second half he added

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two more. Newton registered another and Garrels made a placement goal. Curtis kicked three goals from touchdowns. In this way, Michigan rolled twenty-eight points, when everybody was expecting but a single score or two.

On the other hand, Illinois made the first touchdown scored against Michigan since the Wisconsin game of 1904. It was largely a fluke, however. The high wind had carried a punt past Workman and Magoffin deep into Michigan territory. On an attempt to punt, the ball went to Illinois on Michigan's twenty-two yard line. Here Michigan was penalized 15 yards by Wrenn because Coach Yost yelled "hurdling" as an Illini with the ball rose into the air. The Illini took advantage of their opportunity and in two supreme efforts, Pinckney and Gardner negotiated the touchdown. In the next half, Moynihan kicked a placement goal, giving Illinois her total of nine points.

It was one of the most spectacular games seen here in years; and this fact was largely due to the weather conditions. Rain fell during the entire period of play and the wind blew a gale straight down the field from the west goal. Punting was continually resorted to, and the high wind, slippery field and slippery, soggy condition of the ball made the accurate handling of punts a practical impossibility. Fumbles were frequent, and the gratifying feature in this respect was the fact that the fumbles almost invariably redounded to the credit of Michigan. Every Wolverine had his eye on the ball all the time, and a loose ball soon became the property of one of Yost's men.

The Illini were clearly outclassed by Michigan. Only twice did the visitors make first down, once on a forward pass, and the other time when they scored the touchdown. The teamwork, individual playing, punting and generalship was of championship calibre. The new, untried aspirants, the second raters of last year and the tried and true stars had been whipped into a perfect machine although, it is true, Michigan did not exhibit the variety of plays that Illinois did, as Yost's "manœuvers" are being saved up for Penn. But in splending interference, line-bucking and running the ends, Michigan completely outdid Illinois.

The individual stars for Michigan were Garrels, Curtis, Magoffin, Loell, Workman and Patrick. The two big fellows, Garrels and Curtis, are the backbone of the team; and the way they broke up Illini plays and carried the ball was good to see. Magoffin played a hard, fast game and made good gains around the ends and through the line. Loell, the find of the year, for Michigan, had a happy faculty of breaking through the line and nailing the man with the ball for a loss. Workman seems to be the solution of the quarterback problem as his generalship was of a high class. He picked holes in the opposing line with unerring intuition and distributed the plays among his team-mates with fine judgment. Patrick played rings around his opponent and got the Illini runner behind the line several times. He is playing well this year. For the Illini, Moynihan was the only star. It seemed to be an off-day for the other men on that team of high repute.

The line-up:

Michigan		Illinois
Curtis	Left End	Cermack / Stuart
Loell	Left Tackle	Burroughs
Eyke	Left Guard	Wyatt
Clement	Center	Green
Graham	Right Guard	VanHook
Patrick	Right Tackle	Moynihan
Newton	Right End	Tarnoski
Workman / Bishop	Quarter	Brooks / Sinnock
Magoffin	Left Half	Gardner
Rumney	Right Half	Pettigrew
Garrels	Full Back	Pinckney

Touchdowns—Garrels, Curtis 3, Loell, Gardner. Goals from touchdowns—Curtis 3. Goal from placement—Moynihan. Time of halves—30 minutes. Referee—Wrenn, Harvard. Umpire—McCornack, Dartmouth. Head linesman—Starbuck, Cornell.

R. H. C.

MICHIGAN 10; VANDERBILT 4

Yost had as much trouble with McGugin's team as he did with Herrnstein's, and was satisfied with the score of 10 to 4, in Michigan's favor. The Vanderbilt aggregation outplayed Michigan in the first half, although the score stood 4 to 0 as a result of Garrels' placement goal on a free kick from the thirty-five yard line. In the second half, Michigan braced and several times threatened the Commodores' goal. The latter were still dangerous however, and tied the score on Bob Blake's placement goal from the thirty-yard line. Johnny Garrels threw the crowd into paroxysms of joy in the last few minutes of play, when he won the game with a sixty-five yard run on a fake-punt. The dash was made possible by the magnificent interference of Magoffin, Workman and Hammond.

The Southerners were an all-star team, and that accounts largely for Michigan's difficulty in winning. But it was also an off-day for Michigan and her eleven did not show the team-work or "hurry-up" spirit which humbled Illinois. The men did not get into the interference when the man with the ball started out, nor did they keep their eyes on the ball as they did in the Illinois contest. Most of the fumbles were snapped up by the alert, shifty Commodores.

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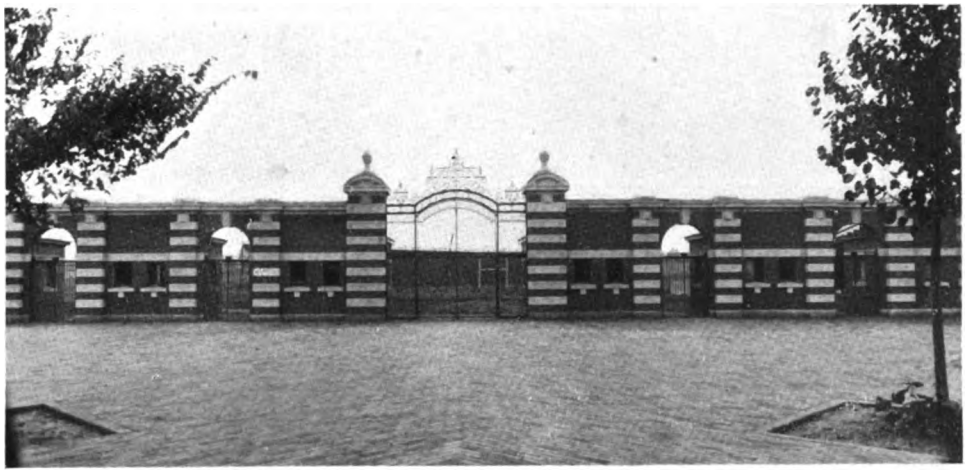

THE NEW ENTRANCE TO FERRY FIELD

THE GIFT OF THE HON. D. M. FERRY, OF DETROIT

PHOTO BY LYNDON

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The team-work of the latter was wonderful. Eleven men were in every play, and the attack was swift and strong. Vanderbilt tried a greater variety of plays than did Michigan. With one play, particularly, very substantial gains were made. A feint would be made towards end, drawing the Michigan defense in that direction and the tackle would be allowed to break hrough. A Vanderbilt half would then "box" him out and the fullback would go through the opening on a tandem formation. This play, which is called a tandem fake buck is declared to be illegal by Coach Yost, as the attacking backs almost invariably start before the ball is snapped into play. However, it was on this play that Vanderbilt worked havoc with the Michigan line.

This game was also largely featured by punting. It was an off-day in this department for Garrels, although in the second half, he showed something of his old form. Bob Blake gave a splendid exhibition in punting, although they were not above the normal Garrels standard. Moreover, Blake failed in seven out of eight attempts at goal. Blake punted twenty-two times, while Garrels had nineteen punts to his credit. This makes an average of nearly a punt a minute for the sixty minutes of play.

There were two changes in the Michigan line-up. Harry Hammond took his place at right end, having made up his back studies; and Bishop appeared at right half. The latter starred in catching and running back punts, while Hammond played a fairly good game at end. Garrels was undoubtedly the star of the game, with Curtis a close second. Magoffin played a brilliant game, although his shoulder was wrenched and a rib was injured in the first ten minutes of play. The plucky Irishman never asked for time out, but tackled and bucked his man with his injured shoulder to the bitter end. Loell, who is now reputed to be the find of the year and one of the greatest football players in the west, again distinguished himself. Patrick played on excellent game until he was taken out with a wrenched knee. Workman at quarter ran the team in good shape, but did not have the support given his plays in the Illinois game. The line-up:

Vanderbilt		Michigan
V. Blake / O. Noel	Left End	Curtis
Pritchard	Left Tackle	Loell
Chorn	Left Guard	Eyke
Stone	Center	Clement
McLean	Right Guard	Graham
E. Noel	Right Tackle	Patrick / Newton
B. Blake	Right End	Hammond
Costen	Quarter	Workman
D. Blake	Left Half	Magoffin
Craig	Right Half	Bishop
Manier	Full Back	Garrels

Touchdown—Garrels. Goals from placement—Garrels, Bob Blake. Goal from touchdown—Curtis. Referee—Elder. Umpire—Snow. Head linesman—Eldridge. Time of halves—30 minutes.

R. H. C.

ATHLETIC ASSOCIATION ELECTION

At the fall election of the Athletic Association Harry E. Fletcher was elected Varsity track manager in a hotly contested election. Sidney Stein was elected Varsity baseball manager.

After the meeting had been called by football manager L. C. Hull, the financial report of the association was given, as follows:

Amount on hand January 20, 1906		$21224.56
Receipts.		
Baseball	$2361.47	
Track	1317.96	
Football	357.65	
General	2446.36	
Money borrowed on note	1000.00	$7483.44
Total		$28708.00
Disbursements.		
Baseball	$1833.89	
Track	2463.88	
Football	3395.18	
Tennis	30.40	
General	3906.15	
	$11629.50	
Transferred to Ferry Field Improvement Fund	15600.00	$27229.50
		$1478.50
Less amount due bank for loan		$1000.00
		478.50
Balance in Ferry Field Improvement Fund		$955.35

It will be seen from the report that baseball is becoming more and more a surplus yielding sport—a few years ago it was a very expensive undertaking. The change is without doubt due to the policy of employing a high-salaried, but efficient coach, who can be relied upon to keep high the standard of college baseball, and thus maintain interest in the amateur efforts.

SANGER TO BUFFALO

Frank Sanger, for two years pitcher on the Varsity, has signed to play with the Buffalo team next year. Sanger was the mainstay of the team, especially in his first year, and was accounted one of the best college pichers in the West. Michigan's championship title was due not a little to his efforts. Previous to coming to Michigan he played two years for Kalamazoo, and is no longer eligible for college work. His acceptance by Buffalo may in part be due to Coach McAllister, who, i is expeced, will manage this team next year.

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CAMPUS CALENDAR

COMING EVENTS

NOVEMBER

Wednesday, 14.—Lecture by the Rev. Frank Gunsaulus, D.D., on the S. L. A. Course. — Lecture recital by Professor Lockwood at the School of Music.

Saturday, 17.—Michigan vs. Pennsylvania. Franklin Field, Philadelphia.

Friday, 23.—Choral Union Concert. Pittsburgh Orchestra, Emil Paur, Conductor.

Tuesday, 27.—The University closes in the evening for Thanksgiving recess.

DECEMBER

Saturday, 8.—The Presentation of the new portrait of President Angell will occur in University Hall in the afternoon.—The annual Michigan Union Banquet will be held in the evening in Waterman Gymnasium.

Tuesday, 11.—Mme. Olga Samaroff will give a piano recital in University Hall under the auspices of the Choral Union.

Friday, 21.—The University closes in the evening in all departments for the Christmas holidays vacation.

PAST EVENTS

OCTOBER

Monday, 8.—W. G. Coleman was elected temporary manager of the junior law class football team.—The Hoosier Club elected officers.

Tuesday, 9.—The senior engineers gave a smoker, with their newly elected officers as the guests of the evening.—The Girls' Glee Club held a meeting.—It was announced that sixty candidates had offered themselves for the Glee Club.

Wednesday, 10.—A meeting of the Camera Club was held in the Engineering Building.

Friday, 11.—Robert H. Clancy, chairman of the Michigan Union banquet, announced the sub-committees. The chairmen were as follows: General management, Walter Fishleigh; Program, W. B. Shaw; Finance, Harry Hill; Printing, Arthur Pound; Music, C. Lewis Green.—Resolutions were passed by the Alpha Nu Society and published in *The Daily* upon the death of R. Clare O'Brien.—John Garrels received a special gold medal from Chairman Lane of the Athletic Board for scoring the greatest number of points in the Western Conference.—The track team began its fall practice.—The Seniors in the Department of Dentistry elected the following officers: President, Mark E. Thompson, Midland; Vice-President, Herbert M. Dixon, Saginaw, W. S.; Secretary, James S. Donaldson, Mt. Clemens; Treasurer, H. C. Pollock, Rocky Ford, Colo.; Track manager, Fred C. Granger, Plainwell; Baseball manager, Alva J. Stamp, Plainwell; Football manager, F. C. Parkins, Pontiac; Historian, Michael J. O'Neil, Midland; Valedictorian, Max Raabe, Leadville, Colo.; Toastmaster, W. A. Cook, Lawrence.—The Seniors in the Homœopathic Medical College elected the following officers: President, James A. Elson, Albion, N. Y.; Vice-President, Elmer E. Owen, Warsaw, N. Y.; Secretary, Rhoda P. Farquharson, Detroit; Treasurer, Charles I. Newton, Geneseo, N. Y.; Historian, Anna Lefler, Centralia, Ill.

Saturday, 12.—The various senior classes elected their members in the Student Council. The lits succeeded in electing but one man, Harry Hill, Edinburg, Ill. Lewis D. Glenn, Livingstone, Mont., and Frank L. Doty, Pontiac, were elected by the senior law class and William B. Lewis, Marquette, and Harry L. Dresser, Ann Arbor, by the Engineers. Carl A. Scherer, New Ulm, Minn., was the choice of the Medical Department and Arend Vyn, Grand Haven, by the dental seniors. The Pharmacy and Homœopathic Departments elected Norman I. Taylor, Detroit, and John C. Smith, Ann Arbor, respectively. — The Freshman Literary class asked aid of the Student Council in order to get started.—Dean Jordan held a reception for women in the Barbour Gymnasium.

Saturday, 13.—The Varsity defeated the Scrubs in a listless game, 28 to 0.—The Ohio Club held an election. Alfred J. Oppleger of Rome, was made president.—Harry E. Fletcher was elected Varsity track manager and Sidney S. Stein, baseball manager in the athletic association election.—The Webster Club elected officers. Robert H. Kirschman, '07, Muskegon, was made president.

Sunday, 14.—Professor Shailer Matthews of the University of Chicago spoke at McMillan Hall on "The Responsibility of the Educated Man."

Tuesday, 16.—It was officially announced that the portrait of President Angell will be presented on December 8; on the same day will be held the Michigan Union banquet.—The sophomores in the Medical De-

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partment elected officers. Clark D. Spivey, Lincoln, Neb., was elected president.

Wednesday, 17.—The Chess and Checkers Club organized.—The schedules of the inter-class games was published.

Thursday, 18.—A mass meeting for the O. S. U. game was held in University Hall.—The junior class in the Literary Department elected officers. Rollin O. Bisbee, Bad Axe, was made president.

Friday, 19.—Four professors from the law faculty of the University of Chicago visited the Michigan Faculty of Law.—The Varsity squad left for Columbus.—The senior literary and engineering classes held a singing meeting on the senior bench on the campus.—The junior class in the Engineering Department elected officers. Jesse R. Langley, of Alva, Okla., was elected president. — The University Civics Club elected officers with Albert D. Pearce, '07, Pentwater, president.

Saturday, 20.—Michigan defeated Ohio State, 6 to 4, in a hard fought game at Columbus.—The November number of *The Inlander* was published.—The sophomore engineering class elected officers. Samuel W. Cushman, Ann Arbor, was elected president.—The senior class in the Law Department elected Roy L. Black, Topeka, Ind., president; George W. John, Mount Clemens, vice-president; Hubert S. Gaffney, Bay City, secretary; James H. Ready, Farmer City, Ill., treasurer; Emlyn I. Jones, Lexington, Ill., baseball manager; and Roland M. Shively, Jones, track manager.—The junior law class elected officers, with Benjamin W. Henderson, Jefferson, O., president.—The Sketch Club met and elected officers. William H. Upjohn, '07, Kalamazoo, was elected president.

Tuesday, 23.—The freshman class in the Engineering Department elected officers, with T. A. Weager president.—The glee and mandolin clubs held their final try-outs for candidates.—The senior lits defeated the junior lits 11 to 0.—The senior engineers defeated the junior engineers 12 to 0.

Wednesday, 24.—The senior literary class announced the appointment of committees. Esson M. Gale, Bay City, and Charles E. Winstead, Circleville, O., were elected the two other representatives on the Student Council.

Thursday, 25.—A mass meeting was held for the Illinois game in University Hall.—Yost addressed the ineligibles, and other aspirants for football honors.—Word was received of the presentation to the University of a marble reproduction of "The Greek Wrestlers," by the Hon. A. M. Todd of Kalamazoo.

Friday, 26.—The Board of Regents met.—The S. L. A. reserved seat sale commenced.—The fresh engineers defeated the soph engineers, 10 to 0, and the Dental Department team defeated the senior laws, 4 to 0.—Madame Schumann-Heink gave a song recital in University Hall, before an immense audience.—The first Fisher's Orchestra Party of the year was held at Granger's.—A party of 79 students in Geology under the charge of Professor Hobbs, left for two days trip to Put-in-Bay and Kelly's Island.

Saturday, 27.—Michigan won from Illinois on Ferry Field, 28 to 9, before a crowd of 5,000. The day was one of the worst of the season, a driving wind and rain.—Chairman V. H. Lane of the Board of Control, published a statement in the *Daily* in explanation of the new system of seat sale for the football games.

Sunday, 28.—Dr. S. M. Zwemer, of Arabia, spoke in McMillan Hall.

Tuesday, 30.—The junior laws defeated the fresh laws 16 to 0.

Wednesday, 31.—The fresh lits defeated the sophomores 12 to 0.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'64

'64m. Elmore Palmer, 309 Plymouth Ave., Buffalo, N. Y., Secretary.

The medical class of 1864 will hold its next reunion during Commencement week, 1907.

Clair S. Parkhill, *m*'62-'63, is practicing medicine at Hornellsville, N. Y.

Cyrenius G. Clark, '64*m*, was born Nov. 19, 1832 at Ornsville, Maine. He removed to Ohio in 1846 and attended two terms of medical lectures at the University of Michigan, graduating with the class of 1864. In 1872 he attended a course of Homœopathic lectures in Chicago. He was an active member of the Ohio State Physometrical Society; a member of the Mau-

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mee City Council for ten years; and he was also on the city school board. Dr. Clark has always devoted his entire attention to his profession, and continues to have a large practice not only in his home town, Maumee, but in Toledo, Ohio, where he keeps an office at 21 Hartford Block. He may be addressed at either place.

'71

'71. Byron A. Finney, Ann Arbor, Secretary.

In the Proceedings of the Bibliographical Society of America for 1904-05 appears a short article by Mr. Byron A. Finney, '71, Assistant Librarian of the University. In this he sets forth the results of an investigation of the date of a certain edition of Gaddesden's "Rosa Anglica" an early medical treatise by the Court Physician of Edward I. Mr. Finney proves definitely that the Latin title page of this edition has heretofore been mistranslated and that this edition should be dated 1502 instead of 1516.

Charles N. Nye, '67-'68, whose former home was a Canton, Ohio, is now living at 1027 W. 25th St., Los Angeles, Calif.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

George M. Stevens, '72*l*, is a member of the firm of Crafts & Stevens, attorneys and counselors at law, with offices in the Chicago Stock Echange Bldg. His residence address is 1518 Montrose Blvd.

'73

'73. William M. Carrier, First National Bank Bldg., Flint, Mich., Secretary.

Lieu. Col. Harry O. Perley, '73, A.M. '76, Deputy Surgeon General of the United States Army, having finished his tour of duty at the United States Military Academy at West Point, N. Y., has been ordered to the Philippine Islands, where he will serve as chief surgeon of one of the departments. His address is Manila.

Thomas A. E. Weadock, '73*l*, is a counselor at law with offices in the Hammond Bldg., Detroit, Mich.

'74

'74. Levi D. Wines, Ann Arbor, Secretary.
'74m. William C. Stevens, Detroit, Secretary.

Francis J. West, '74, formerly at Ypsilanti, Mich., may now be addressed at 106 W. Lorain St., Oberlin, Ohio.

'76

'76. Alice Williams, Weedsport, N. Y., Secretary.

Frederick R. Buell, '72-'75, formerly of Milwaukee, Wis., may now be addressed at 26 Liberty St., New York City.

'77

Mrs. Fanny Searls Gradle, '77*m*, has changed her address from 165 Eugenie St., to 100 State St., Chicago.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Patrick E. Nagle, '80*m*, has resigned his position as medical examiner in the United States Pension Office, and is engaged in practice at Billings, Mo.

Adin W. Mitchell, *m*'78-'79, is a practicing physician at Georgetown, Ohio.

Francis H. Schlink, *m*'78-'79, may be addressed at New Riegel, Ohio.

Wilford C. Hudson, '80*l*, is secretary of the Hudson School Furniture Company at Athens, Ohio.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907.

William L. Loveland, '82, is head of the general mining sales department of the Allis-Chalmers Company, and is located at Milwaukee, Wis.

William P. McOsker, '82*l*, formerly at 338 E. Ohio St., has moved to 260 E. Ontario St., Chicago.

'84

'84. Mrs. Fred N. Scott, Ann Arbor, Secretary.

Charles F. Sparks, '81-'83, is head of the Sparks Motor Boat Company, at Alton, Ill.

John C. Streng, '84*e*, has removed from 479 Sheridan Ave., Detroit, Mich., to 675 115th St., N. E., Cleveland, Ohio.

'85

'85. John O. Reed, Ann Arbor, Secretary.

Lewis C. Hunt, '85*l*, has removed from Victor, Colo., to 2437 Prospect St., Kansas City, Mo.

Azor Thurston, *p*'83-'84, is an analytical and consulting chemist. He is also chemist for the Ohio Dairy and Food Commissioner. Address, Grand Rapids, Ohio.

'86

The class of '86, in all departments, will hold a reunion on the Campus at Ann Arbor, Alumni Day, June 20, 1906.

Charles G. Bush, '86*d*, formerly at 206 Kearny St., may now be addressed at 1512 Octavia St., San Francisco, Calif.

'87

Mrs. Frances Slaight McLaren, '87, may be addressed at 13th Ave., Cor. 28th St., Oakland, Calif.

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Charles D. Higley, '83-'84, is a member ber of the firm of Higley & Wright, Manufacturing Pharmacists, at 1531 E. Genesee St., Syracuse, N. Y.

John A. Fairchild, '87*l*, formerly of San José, Calif., is now in the real estate business and practicing law in New York City. His address is 322 W. 42 St.

'89

David B. Gann, '85-'88, *l*'90-'91, has changed his address from the Ashland Blk., to 1701 Borland Blk., Chicago.

William J. Stanton, '85-'87, '89*l*, formerly residing at 222 W. Canfield, has removed to 512 Lenox Apartments, Detroit, Mich.

Charles E. Rockwood, '89, is in the live stock business at Terre Haute, Ind.

Charles P. Taylor, '89, has recently been made cashier of the National Bank of Ottawa, Ill.

The appointment of Elmer E. Brown, '89, Ph.D. (Halle) '90, of Berkeley, Calif., as United States Commissioner of Education, vice Dr. Y. L. Harris, resigned, was announced in the list of appointments made by President Roosevelt June 19. A short article on Dr. Brown appeared in the October ALUMNUS.

Thomas W. Bowen, '89*p*, is now mining superintendent of the Nevada Company at Berlin, Nev.

'90

'90. Katherine Campbell, 530 N. LaFayette St., South Bend, Ind. Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Malcolm G. McNiven, '90*m*, read an article on Gastric Ulcer before the last meeting of the American Medical Association at Boston. Dr. McNiven is practicing at Butte, Mont.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

Pete W. Ross, '92, has changed his address from 2145 4th St., to 2050 State St., San Diego, Calif.

Charles A. Bowen, '92, A.M. '93, was changed by the Methodist Episcopal Conference this fall, from Zanesville to Wellston, Ohio.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Frederic L. Osenburg, '94, has changed his address in Los Angeles, Calif., from 255 E. 31 St., to 633 W. 21 St.

Edgar M. Morsman, Jr., '94, '95*l*, has moved his office from the Omaha National Bank Bldg., to the New York Life Bldg., Omaha, Neb.

Franklin L. Allen, '90-'91, is secretary of the Alling Construction Company, a company organized to do a general contracting and building business. Their offices are at 1507-8 Chicago Savings Bank Bldg., Chicago.

Nellie E. Goldthwaite, '94, has changed her address from Adams, Mass., to Teachers College, Columbia University, New York City.

H. Clay Harvey, '90-'92, is teaching mathematics in the State Normal School, at Kirksville, Mo.

Harry W. LeClair, '90-'91, may be addressed at Waterloo, N. Y.

Charles J. Harmon, '94*e*, formerly at 373 Ontario St., has moved to 404 E. Erie St., Chicago.

Thomas G. Crothers, '94*l*, of the firm of Crothers & Crothers of San Francisco, now has temporary offices at 2414 Fillmore St.

'95

'95. Mrs. Gertrude Sunderland Safford, 22 W. Warren Ave., Detroit, Secretary.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Frederic B. Richardson, '95, has changed his address from San Francisco, to 56 Monte Vista Ave., Oakland, Calif.

Lucy N. Eames, '95, '03*m*, of Muskegon, Mich., spent ten days at Lake Geneva, Wis., last August as camp physician for the National encampment of the Y. W. C. A.

Michael J. Rogers, '91-'93, *m*'93-'97, (Northwestern University Medical School) '98, has recently taken and passed the examination given by the State Board of Law Examiners of Illinois, being admitted to the practice of law in that state. He is making a specialty of the law of negligence as applied to personal injury cases, and his work in both law and medicine has particularly fitted him for that work. At present he is connected with the office of Jacob W. & Sigmund E. Loeb, Suite 1004 Fort Dearborn Bldg., Chicago, Ill.

Isaac F. Stern, '95*e*, has changed his address from 5005 Vincennes Ave., to 989 E. 53d St., Chicago.

'96

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

George H. St. Clair, '96, may be addressed at Virginia, Minn.

Leslie G. Hayes, '96, has changed his address from 103 E. 33d St., Kansas City, Mo., to Poplar Bluff, Mo.

Frederick A. Osborn, '96, has changed

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has address from Seattle, Wash., to 726 Arbor St., Ann Arbor.

Hazen H. Morse, '92-'93, formerly at 205 Pleasant St., Grand Rapids, Mich., may now be addressed at Neponset, Ill.

Arthur P. O'Brien, '96*e*, has changed his address from 160 Fifth Ave., New York City, to Bronxville, N. Y.

Louis A. Woodard, '96*e*, has changed his address from Boardman, Ohio, to Youngstown, Ohio.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97l. William L. Hart, Alliance, Ohio, Directory Editor.

Whitney Waterman, '93-'95, may be addressed at 429 W. 146th St., New York City.

Bruno L. Schuster, '97, *m*'94-'96 (Jefferson Medical College, Philadelphia) '98, is practicing in Milwaukee, Wis., his home town.

Edwin B .Hart, '97, has been called from the position of associate chemist at the New York Agricultural Experiment Station, to the Professorship of Agricultural Chemistry at the University of Wisconsin, Madison, Wis.

Henry B. Potter, *m*'94-'97, M.D. (University of Pennsylvania) '99, is in practice in his home town, Providence, R. I.

G. Charles Fisher, *m*'94-'97 (College of Physicians & Surgeons, Chicago) '98, is practicing at 22nd St. and Indiana Ave., Chicago, Ill., and is very successful.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

Helen M. Bogardus, '94-'96, formerly of New York City, may now be addressed at 604 Madison St., Ann Arbor.

Marvin W. Turner, '98, has changed his address from Grand Haven, Mich., to Lyons, Colo.

Hamilton M. Wright, '94-'95, was one of the U. of M. men burnt out in the San Francisco fire.

Howard E. Enders, '98*e*, has removed from 2518 Woodbrook Ave., Baltimore, Md., to Quincy St., W. Lafayette, Ind.

Clarence W. Squier, '98*e*, has returned from Manchester, Eng., to 6929½ Monticello St., East End, Pittsburgh, Pa.

Sutton Van Pelt, '98*e*, formerly of Sault Ste. Marie, Mich., is now at Thorice, Mich.

Sollace B. Coolidge, '98*e*, has changed his address from 18 Dorchester to 1721 82 St., N. E., Cleveland, Ohio.

First Lieutenant William H. Tefft, '98*m*, assistant surgeon in the United States Army is now stationed at Havana, Cuba.

Thomas L. Dagg, '98*m*, is pathologist at St. Luke's Hospital, Chicago,—a salaried position, besides being in private practice at Forty-first and Halsted St.

Daniel W. Fishell, '98*l*, has changed his address from 1019 Ashland Blk., to 114 Wabash Ave., Chicago.

Ralph R. Bowdle, '95-'96, '98*l*, has removed from 80 Lathrop Ave., Detroit, Mich., to 1243 South Bonnie Brae St., Los Angeles, Calif.

Edwin S. Bartlett, '93-'95, '98l, has opened an office for the general practice of the law at 1336 Majestic Bldg., Detroit, Mich.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Irving W. Riegelman, '99, has changed his address from 312 W. 99th St., N. Y. City, to Sims Beach, Far Rockaway, N. Y.

Ruie A. Connor, '99, A.M. '02, is teaching Latin in the high school at Cripple Creek, Colo.

Charles A. Riegelman, '99, is a member of the law firm of Stern, Christiancy & Riegelman, at 141 Broadway, New York City.

Gustavus Ohlinger, '99, '02*l*, may be addressed at 51-54 Produce Exch., Toledo.

Rose Wood-Allen Chapman, '95-'98, is assistant editor of American Motherhood. The editorial rooms are at 823 E. 18th St., Brooklyn, N. Y. She has a son, Bruce Wood-Allen, who is now over a year old.

Edward C. Van De Walker, '99*m*, has changed his address from Sutton's Bay to Kingsley, Mich. He has left the practice of medicine and is now engaged in the banking business as a partner in the firm of Van De Walker & Power, of the Bank of Kingsley.

José T. Canales, '99*l*, is an attorney at Brownsville, Texas. He is also a member of the State Legislature.

Henry C. Lund, '99*l*, has changed his business address from 204 Templeton Bldg., to 219 D. F. Walker Bldg., Salt Lake City, Utah.

Henry C. Hill, '99*l*, is professor of Law in John B. Stetson University, DeLand, Fla.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Minnie McCormick, '00, is teaching science in the high school at Ionia, Mich.

Harry A. Weston, '96-'00, may now be addressed at Deuel, Colo., Box 37, instead of Keokuk, Ia.

Ethel M. Williams, '00, has removed from N. Union St., Grand Rapids, Mich., to 37 Lake Ave., Pasadena, Calif.

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Arthur J. Hoare, '00, A.M. '02, has resigned the Professorship of Mathematics in Rochester College, Rochester, Ind., which he has held for the past three years to become Professor of Mathematics at Fairmount College, Wichita, Kans.

Philip E. Graber, '00, has changed his address from 40 Spruce St., Akron, Ohio, to 9407 Pratt Ave., S. E., Cleveland, Ohio.

Born to Mr. and Mrs. Frederic B. Shoaff, a son, Oct. 20, 1906. Mr. Shoaff was a member of the class of 1900. His wife, formerly Alice Dryer, graduated from the School of Music in 1897.

Lemuel G. Holbrook, '00, A.M. '05, is now teaching physics at South Omaha, Neb.

Frank S. Bachelder, '00, '05*m*, whose former address was at Asbury, Mo., is now at the Eastern Michigan Asylum, Pontiac, Mich.

Andrew Nelson, '00*m*, has removed from Manistique, Mich., to Escanaba where he is engaged in the general practice of medicine.

Leo B. Lowenthal, '00*l*, has removed from 1114 Ashland Blk., to 159 LaSalle St.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

At a meeting of 1901 held on Alumni Day, June 20, 1906, H. P. Breitenbach was reappointed class secretary; Miss Ellen B. Bach was appointed assistant, and secretary for women; and the following committee was elected to help in the work of correspondence: Mrs. Chas. Baird, Miss Katharine G. Hine, Messrs. John C. Parker, and Ned Begle. The secretaries and the committees were authorized to make plans for a class reunion in 1911, to publish a class directory, and to collect from each member of 1901 the sum of 25c to defray expenses.

Harry K. Crafts, '01, has changed his address in Austin, Chicago, to 318 South Park Ave., Austin Station, Chicago.

Elizabeth Sundstrom, '01, may now be addressed at Sibley, Mich., instead of Trenton.

Mary R. Powers, '01, may be addressed at 340 E. Arch St., Marquette, Mich.

Henry H. Armstrong, '01, A.M. '02, Ph.D. '03, has accepted a position at Whitworth College, Tacoma, Wash. For the past year he taught Greek at Juniata College, Huntingdon, Pa.

James A. Campbell, '01, A.M. '06, has changed his address from Ann Arbor, to 1717 Ohio St., Lawrence, Kans.

William Rinck, '01, A.M. '03, is teaching in Church School, Grand Rapids, Mich., and may be addressed at 675 Jefferson Ave.

A son was recently born to Ward J. MacNeal, '01, Ph.D. '04, '05*m*, and his wife, Mabel Perry MacNeal, '00-'02. Their address is Morgantown, W. Va.

Bert S. York, '01*e*, formerly at 1352 Lawrence Ave., Chicago, may now be addressed at 213 Hancock Ave., Detroit, Mich.

James M. Wetmore, '01*e*, formerly at East Tawas, Mich., may now be addressed at Chaska, Minn.

Ralph W. Shauman, '97-'98, '01*l*, formerly at 4856 Cottage Grove Ave., has moved to 563 51st St., Chicago.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago. Directory Editor.
The literary and engineering classes of 1902 will hold a reunion on the campus on Alumni Day of Commencement week, June, 1907.

The following men were present at an informal dinner held by the Detroit alumni of the 1902 lit-engineer class on October 13: Fox, Huston, Armstrong, Detwiler, Welt, Snow, Dewey, Wiest, Utley, Turner, and Standart. The purpose of the meeting was to make plans for the class reunion in June, 1907, and the following steps were taken:

Neil W. Snow, Majestic Building, Detroit, was appointed general chairman and will be master of ceremonies at the reunion. Inquiries and suggestions should be addressed to him, and addresses should be sent to him or to Secretary Arthur M. Barrett, 180 Monroe St., Chicago.

A circular letter was written and is now being forwarded among the class.

Plans were made for a series of meetings of those who live in and near Detroit, at which meetings printed matter will be prepared and mailed.

Local chairmen, who will promote the event in their several districts, were appointed as follows: Donald M. Ferguson, c/o George A. Fuller Co., Fuller Bldg., New York; Arthur G. Browne, c/o American Radiator Co., and Arthur M. Barrett, Chicago; Henry W. Willis, 264 Highland Avenue, Buffalo; Lyman E. Stoddard, c/o Toledo Blade, Toledo; James Strasburg, Grand Rapids; Claude T. Tuck, Indianapolis; Richard D. T. Hollister, Ann Arbor.

A committee composed of Roscoe B. Huston and Walter T. Fishleigh will secure a house and a tent where 1902 headquarters will be established during commencement week.

Max E. Mueller, '02, is in the employ of the New Amsterdam Gas Co., of New York City in charge of the Chemical Department.

Clarence B. Ripley, '02, '02*m*, who for

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the past two years has been connected with the Burlington Railway as a physician in the relief department, has recently resigned to enter private practice at Galesburg, Ill.

William C. Swartout, *'02e*, has changed his address from 1604 A. South Compton Ave., to 3623 Blaine Ave., St. Louis, Mo.

Mrs. Patience B. Sisco, *'02m*, formerly of Grand Rapids, Mich., may now be addressed at 1602 Vermont Ave., Washington, D. C.

Herbert P. Whitney, *'02l*, is judge in the Toledo city courts, and also instructor of law in the Y. M. C. A. night school.

Homer C. Washburn, *'02p*, B.S. (Phar.) '04, is Professor of Pharmacy and Materia Medica and head of the School of Pharmacy at the University of Oklahoma, Norman, Okla.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.
'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.
'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.
'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

Angeline Wilson, '03, has changed her address from Jackson to South Haven, Mich.

Nellie M. Hamilton, '03, principal of the Saline High School, 1904-6, is teaching German this year in the Ann Arbor High School. Address, 427 So. Fifth Ave.

Jennie Müllenbach, '03, of Chicago, Ill., is now Professor of Modern Languages in Alma College, Alma, Mich.

Lillie V. Lyon, '03, is teaching in Stamford, Conn. Misses Butts, Müllenbach, and Lyon all attended the U. of M. summer school this past summer.

Samuel Ball, '03, has resigned his position with the Saginaw Gas Co., to accept a similar one with the Bay City Gas Co., Bay City, Mich.

Agnes Murdock, '03, who spent most of the summer in Ann Arbor with Mr. and Mrs. C. H. Easton, has returned to Kalamazoo, where she has been teaching since graduation.

Milton H. Freeman, '03, may be addressed at 4 Toledo Ave., Elmhurst, N. Y., instead of 116 Third St., Long Island City, as formerly.

Joseph V. Vorheis, '03, will be principal of the high school for another year at Coldwater, Mich.

Cornelia A. Copeland, '03, teacher of English in Detroit Central High School, received the degree of A.M. in June from her Alma Mater.

Francis L. D. Goodrich, '03, completed his studies in the library school at Albany, N. Y., in June, and took a position as assistant reference librarian at the John Crerar Library, Chicago.

Harry A. Franck, '03, has changed his address from Bellefonte, Pa., to 330 Hartley Hall, Cor. 116th and Amsterdam Ave., N. Y. City.

Born—To Mr. and Mrs. James L. Gillard (Emily Schneidt, '99-'00), 134 Jefferson St., Muskegon, Mich., June 26, 1906, a son.

Roberta J. Bull, '03, (Mrs. John Anthony Garrett), may be addressed at 1554 Winstead Ave., Los Angeles, Calif.

Katherine Bogle, '03, who taught English and Civics last year in the Ann Arbor High School, sailed for Germany July 23rd with her sister Winifred Bogle, '00, Lucile Matchett, '02, and other friends. Their present address is 36 Motz Strasse 3, Berlin. They expect to visit other German cities and make a tour of Europe before their return in August, 1907.

Willis F. Bickel, *'03e*, class secretary for the engineers, is in the employ of the Arnold Co., Chicago, and is on a construction job for the Kansas City Southern Railroad, building their shops. Address, 601 N. Pine St., Pittsburg, Kan.

Earle K. Knight, *'03e*, has been appointed assistant engineer in the United States Reclamation Service, with headquarters at Huntley, Mont.

Henry M. Milburn, *'03e*, has changed his address from 6216 Greenwood Ave., to 6539 Minerva Ave., Chicago.

John G. Barada, *'03e*, is now employed with the Hall Signal Company, at Westfield, N. J.

Markham Cheever, *'03e*, has changed his address from Provo, Utah, to Ames, San Miguel Co., Colo.

W. Arthur Lafler, *'03e*, has changed his address from Monterey, Mexico, to 3 Leonard Place, Albany, N. Y.

Harry P. Wherry, '03e, is with the Indé Gold Mining Company, at Indé, Est de Durango, Mexico.

Arthur C. Wheeler, *'03e*, may be addressed at Grande Island, Subig Bay, P. I.

A. Eugene Allder, *'03m*, has changed his address from Cane Hill, Mo., to 113 S. 9th St., LaFayette, Ind. He is assistant to George F. Keiper, *'90m*, who is an eye, ear, nose and throat specialist.

Curtis C. Mechling, *'03m*, may be addressed at 200 E. North Ave., Allegheny, Pa.

John R. Herren, *'03l*, is an attorney at 1307 Title & Trust Bldg., Chicago.

Francis W. Balcomb, *'03l*, is practicing law in Chicago. His office address is 551 First National Bank Bldg.

Henry G. McCormick, *'03d*, has changed his address from Normal, Ill., to Manhattan, Kans.

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'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Dowagiac, Mich., Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.

Fred J. Tooze, '04, is now superintendent of schools at Monroe, Mich.

Herman W. March, '04, A.M. '05, may be addressed at 625 Langdon St., Madison, Wis.

Lotta L. Stiles, '04, has changed her address from Bloomsburg, Pa., to 63 Railroad St., Cortland, N. Y.

Nelson A. Kellogg, '04, has changed his address from Lake City, Minn., to 336 College Ave., DeKalb, Ill.

Lena A. Barber, '04, has changed her address from Yankton, S. Dak., to 1843 Erie St., Toledo, O.

Frank M. Longanecker, '04, has removed from 429 W. Walnut St., Kalamazoo, Mich., to Charleston, W. Va., to become Principal of the Charleston High School. His address there is 1505 Lee St

James Floyd Halliday, '04, A.M. '05, was recently ordained Congregational Pastor at Greenville, Mich.

George A. Malcom, '04, '06*l*, has sailed for the Philippines to remain at least a year.

Ida A. Dibble, '04, has changed her address from Marshall, Mich., to 115 Trowbridge St., Grand Rapids, Mich.

B. Milburn Clark, '04, has removed from Bronson, Mich., to 252 E. 62 St., Chicago.

Frank A. Gabriel, '01-'03, has changed his address from 40 Mt. Union St., to 1181 E. 102 St., Cleveland, Ohio.

Austin L. Lathers, '04, '06*l*, may be addressed at 3903 W. 6th St., Duluth, Minn.

Minnie Duensing, '04, has changed her address from Red Wing, Minn., to La Conner, Wash.

Anna C. Cawley, '04, has changed her address from Ottawa, Ill., to Morenci, Mich.

Vernon C. Wood, '04*e*, has changed his address in Detroit, Mich., from 252 W. Forest, to 938 King St., W.

Geo. W. Gilkey, '04*e*, is with the Michigan Paper Co., at Plainwell, Mich.

Carroll Biggs, '04*e*, has changed his address from N. Y. City to 274 Crescent Ave., Grand Rapids, Mich.

Harry P. Drake, '04*e*, has changed his address from Detroit, Mich., to 1227 W. 8th St., Los Angeles, Cal.

Vernon C. Wood, '04*e*, has removed from 56 Langley Ave., Detroit, Mich., to 938 King St., Toronto, Can.

Frank W. Smithies, '04*m*, who was abroad last summer, did special work in pathology and internal medicine, visiting many of the laboratories and hospitals in the larger cities, especially those of London, Paris and Berlin.

E. Carl Weirick, '04*m*, is now practicing at Enola, Pa., where he may be addressed at Enola Inn.

Axcel E. Anderson, '04*m*, has changed his address from Wausaukee, Wis., to 207 Goldberg Blk., Butte, Mont.

John J. Donoghue, '04*m*, has changed his address from 77 High St., Clinton, Mass., to 88 Green St., Worcester, Mass.

Guy V. Rukke, '04*m*, has been appointed a surgeon in the United States army with the rank of lieutenant. Out of fifty-eight candidates in the severe examination but seven were successful. Michigan, Harvard and Johns Hopkins graduates are especially desired for this work and have a reputation of seldom failing. He may be addressed at 640 E. Capitol St., Washington, D. C.

Arthur C. Goldtrap, '04*l*, has removed from Kewanna, Ind., to 518 Chestnut St., Grand Forks, N. Dak.

Charles T. Winegar, '04*l*, has removed from Iron Mountain, Mich., to Norway, Mich.

Edwin W. Sims, '04*l*, has returned from a trip to Southeastern Alaska and the Aleutian Islands and will assume his duties as U. S. District Attorney in Chicago.

'05

'05. G. William Barnum, '05, 107 Humboldt Boulevard, Chicago, Secretary.
'05e. Ralph R. Tinkham, 579 Cass Ave., Detroit, Mich., Secretary.
'05m. Lewis H. Hector, 706 First St., Allegheny, Pa., Secretary.
'05l. Frank C. Cole, 323 1-2 Avenue C., Lawton, Okla., Secretary.

Mary F. Farnsworth, '05, has removed from Holland, Mich., to 116 Lincoln Ave., Detroit, Mich.

Cora E. Petty, '05, has removed from Odell, Ill., to Morris, Ill.

Carlos P. Long,' '05, A.M. '06, has changed his address from Rogersville, Mich., to 3316 Fairfield Ave., Walnut Hills, Cincinnati, O.

Sarah Blanch Weston, '05, has removed from Fort Morgan, Colo., to Deuel, Colo.

Martha T. Blatz, '05, is teaching English and history in the high school at Fruita, Colo.

Last spring Agnes E. Brown, A.M., '05, of Chicago, went to Santiago, Chile, as director of the normal schools there, under the supervision of the Chilean government. After March 1, she will be in charge of the Normal School at Concepcion. Word was received from Miss Brown, the latter part of August, that she had passed safely through the earthquake and fire which de-

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molished the Chilean cities of Santiago and Valparaiso.

Ida M. Brownrigg, '05, has charge of the placing and visiting department of the Pennsylvania Society to Protect children from cruelty. Her address is 214 N. 33 St. W., Philadelphia, Pa.

John S. Stover, '05, may be addressed at 744 Van Buren St., Milwaukee, Wis.

Frederic B. Oxtoby, '05, of Saginaw, Mich., who was last year a student at McCormick Theological Semenary, Chicago, preached in the Presbyterian church at Gladwin, Mich., during the summer. He returned to Chicago late in September to resume his studies. His address is 1060 N. Halsted St.

Wallace K. Wonders, '05, worked in the correspondence department of Sears, Roebuck & Co., Chicago, during the summer. Early in October he started on a trip through the west. He expects to remain for some time in California.

M. Ellsworth Olsen, '05, A.M. '06, who was assistant in English in the University last year, returned to England early in the summer to resume his duties as managing editor of "Good Health," the monthly organ of the Good Health League. His address is 451 Holloway Road, London, N.

Frank L. Hager, '05, is chief clerk of the Ohio Board of State Charities. Address, Columbus, Ohio.

Henry Woog, '05, *'06l*, may be addressed at 50 W. 77th St., New York, N. Y.

Charles S. Andrus, '05, *'06l*, may be addressed at Lomi, Ill.

James Stokoe, *'05e*, is now a head draftsman at Bas Matchin, Canal Zone.

Dee J. Sterrett, *'05e*, has changed his address in Detroit to 66 Edmund Pl.

Robert B. Ellsworth, *'05e*, formerly draftsman in the Signal Department, M. C. R. R. in Detroit, is now draftsman for the New York Central R. R. Address 338 Lennox, New York City.

H. G Merrick, *'05e*, recorder with U. S. Lake Survey, was in the Lake Superior district for the summer.

Alfred L. Gayer, *'05e*, is now with the Michigan State Telephone Co., Detroit.

Daniel A. White, *'05e*, formerly draftsman for the Erie R. R., New York, is now with the G. R. & I. R. R., Grand Rapids.

Martin R. Schoher, *'05e*, has removed from 7329 Dennison Ave., Swissvale, Pa., to 1st Nat. Bk. Bldg., Chicago, Ill., in care of McClintock & Marshall.

Ruby J. Smith, *'05e*, has changed his address in N. Y. City to 527 W. 150th St. He is now working for the General Chemical Co., of New York.

Edward F. Perkins, *'05e*, has changed his address from Beloit, Wis., to 614 Spring St., Jamestown, N Y.

John J. Woolfenden, *'05e*, may be addressed at 25 E. Alexandrine Ave., Detroit, Mich.

John O. Gilbert, *'05e*, has removed from Wilkinsburg, Pa., to Cincinnati, Ohio, where he is with the Westinghouse Electric & Manufacturing Co. His address is 1107 Traction Bldg.

Dwight E. Lowell, *e'01-'05*, formerly with the American Radiator Co., Detroit, is instructor in descriptive geometry and drawing in the State School of Technology, Atlanta, Ga.

Herbert J. Young, *'05e*, who has been in the shops of the Fairbanks, Morse Co. at Beloit, is now sales engineer for the same company through Ohio.

Frederick G. Wahl, *'05e*, who was last year teacher of sciences in the Coldwater High School, is now chemist with the Michigan Maleable Iron Works, Detroit. Address, Pingree Ave., Detroit.

William L. Pearson, *'05e*, is now draftsman with the Trussed Concrete Steel Co., Detroit. Address, 692 Second Ave.

Daniel A. White, *'05e*, formerly with Erie R. R., New York, is now with the G. R. & I. R. R., Grand Rapids, Mich.

Dee J. Sterrett, *'05e*, is assistant engineer for the Detroit River Tunnel Co. Present address, 579 Cass Ave., Detroit.

Albert L. Gayer, *'05e*, is with the Michigan State Telephone Co., Detroit.

Alexander M. Graver, *'05e*, M.S. '06, is in the office of the Wm. Graver Tank Works, Chicago. He may be addressed at 7211 Yale Ave., Chicago.

Horace W. Miller, *'05e*, is with the Great Lakes Engineering Co., Detroit.

John W. Bell, *'05e*, formerly with Russell Wheel and Foundry Co., Detroit ,is now with Trussed Concrete Steel Co., Buffalo, N. Y.

Ralph R. Tinkham, *'05e*, Secretary, who was assistant to Professor Gardner S. Williams last year, is at present draftsman in the structural department of the Russell Wheel and Foundry Co., Detroit. Address, 579 Cass Ave., Detroit.

Arthur T. MacDonald, *'05e*, who was with the Helena Power Transmission Co., last year will take post-graduate work in Civil Engineering at Yale this year. Address 333 York, New Haven, Conn.

Rex. D. Richardson, *'05e*, is now in the bridge department of Lake Shore R. R. at Cleveland. Address, 5 Westlake Ave., Cleveland, Ohio.

Arthur M. Rebstock, *'05e*, formerly with Fairbanks Morse Co., Beloit, is now with Trussed Concrete Steel Co., Detroit, Mich.

Omar I. Hall, *'05e*, is instructor in drawing in the DePont Manual Training High School, Louisville, Ky.

Samuel Wilson, *'05e*, formerly with the

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Erie R. R., New York, is now instrument man on railroad construction in Cuba. Address, care of Cuba Co., Camagüey, Cuba.

Arthur J. Decker, '05*e*, has removed from 169 W. 10th Ave., to 1192 E. Mound St., Columbus, Ohio.

James S. Fulton, '05*e*, formerly at 608 Mulberry, Pittsburg, Pa., may now be addressed at Steubenville, Ohio.

Thos. W. Cooper, '05*l*, has removed from Winnipeg, Manitoba, to 70 Ash St., Detroit, Mich.

Douglas B. Crane, '05*l*, has changed his address in Oklahoma City to 706 W. 17th Street.

Paul Jones, '05*l*, is a member of the firm of Hahn & Jones, Hamory Bank Bldg., 17 North Phelps St., Youngstown, Ohio. F .Rollin Hahn, '03*l*, is the other member.

'06

Myrtle G. Bond, '06, is teaching science in he high school at Plymouth, Pa.

Mary Stewart, '06, may be addressed at DeLand, Fla.

Eugene B. Houseman, '06, is attending the Colorado School of Mines. He can be reached by addressing P. O. Box 397, Golden, Colo.

Roy W. Hamilton, '06, has been appointed general secretary of the Y. M. C. A. of Western Reserve University, Cleveland, Ohio.

Eugene P. Martin, '06, of Blue Island, Ill., spent the summer in the employ of Sears, Roebuck & Co., Chicago, in their graphaphone and electrical goods department of the Shaw-Walker Company, Chicago, September 1.

Adam A. Walker, '06, of N. Y., spent the summer in the correspondence department of the Western Electric Company, Chicago. With the opening of the school year he went to Bellefonte Academy, Bellefonte, Pa., to teach English.

E. May Jones, '06, may be addressed at Ridgeway, Mich.

Marie A. Winsor, '06, is now teaching at Marshall, Mich.

Beulah E. Brigham, '06, is teaching French and German in Bay City, Mich.

Juliet W. Stockbridge, '06, is now principal of the high school at Corunna, Mich.

Alfred Dachnowski, Ph.D., has accepted a position as teacher of biology at the Michigan Military Academy, Orchard Lake, Mich.

Margaret Carey, '06, is now teaching Latin and German at Two Rivers, Wis.

Lida L. Pate, '06, is now teaching in the Normal School at Montgomery, Ala.

Blanche Ligman, '06, is now teacher of English and history at Vassar, Mich.

Jessie E. Mann, '06, is teaching mathematics at Battle Creek, Michigan.

William A. Otto, '06, is teaching in the Eastern Division High School, Milwaukee, Wis.

Franklin B. Mead, '06, has been made actuary of the Minnesota Mutual Life Insurance Company of St. Paul.

George B. Roth, '06, '08*m*, has been awarded the annual scholarship in pharmacology of $500 offered by Parke, Davis & Co., of Detroit. The holder works under the direction of Dr. C. W. Edmunds, but is under no restriction of the company.

Effie J. Armstrong, '06, is teaching German and history in the high school at Holland, Mich.

Joseph G. McMacken, '06, is teaching physics in the high school at Butte, Mont.

Louis C. Miller, '06, may be addressed at 1223 Lake View Road, Cleveland, Ohio.

Clara Inglis Stalker, '06, is teaching English in the high school at Iron Mountain, Mich. Her address is 307 E. Hughitt St.

Lorin H. Bailey, '06, may be addressed at 2312 Douglas St., Omaha, Neb.

Glynn F. Blanchard, '06, who was in the vehicle correspondence department of Sears, Roebuck & Company. Chicago, during the summer, has recently taken a position in the Hamilton National Bank., Chicago.

Henry A. Sherman, '06*e*, is with the county engineer at Wilkinsburg, Pa. His address is 756 Hill Ave.

Percy A. Palmer, '06*e*, and Philip C. Davis, '06*e*, are with the Thomas Starrett Company of New York City. The former may be addressed at 91 Remsen Ave., Brooklyn, and the latter at 317 W. 56th St., New York.

Hugh J. Lumsden, '06*e*, may be addressed at Stearns, Ky.

John W. Campbell, '06*e*, may be addressed at 19 E. Park St., Newark, N. J.

Arthur G. Pashby, '06*e*, has changed his address from Constantine, Mich., to 23 S. 13th St., Minneapolis, Minn.

Jacob D. Gordon, '06*e*, may be addressed at 2014 Fifth Ave., Pittsburg, Pa.

Francis H. Hollister, '06*e*, may be addressed at Schenectady, N. Y., R. F. D., No. 1.

Russell E. Harrison, '06*e*, is with The Riggs and Sherman Co., of Toledo. Address 613 The Nasby, Toledo, Ohio.

Paul M. Patterson, '06*m*, may be addressed at 1430 Main St., Buffalo, N. Y.

Walter H. Rieger, '06*m*, may be addressed at 426 Madison St., Sandusky, Ohio.

Albert N. Ford, '06*l*, is with the Title Guarantee & Trust Co., of New York City. His address is 233 W. 128th St.

Melville D. Brooks, '06*l*, may be addressed at 503 S. Weadock, Saginaw, Mich.

Ralph W. McCrillis, '06*l*, may be addressed at 1208 Race St., Denver, Colo.

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James P. Cudahy, '06*l*, may be addressed at 324 Harlan St., Grand Rapids, Mich.

William J. Miller, '06*l*, may be addressed at Escanaba, Mich.

Melancthon D. Pypes, '06*l*, may be addressed at 2621 E. 9th St., Kansas City, Mo.

Charles E. Blanchard, '06*l*, is now an instructor in Ohio State University, Columbus, Ohio.

Frank C. Longman, '06*l*, who is coaching Arkansas, will twice be called upon to play teams coached by team mates. Washington university, of St. Louis, which is coached by Al. Barlow, was met early in the season. Then on November 17 the University of Mississippi will be met in Little Rock. This team is coached by Tom Hammond.

Benjamin P. Brasley, '06*l*, has opened a law office at 49 St. Nicholas Bldg., Cor. Grant St., and Fourth Ave., Pittsburgh, Pa.

Frank C. Longman, '06*l*, will coach the U. of Ark. football team this fall,, at Fayette, Ark.

Clarence A. Henning, '06*l*, is with the law firm of Bishop & Hoefler, with offices at the corner of Fulton & Filmore, San Francisco, Calif.

Horace H. Baker, '06*l*, may be addressed at El Paso, Ill.

Albert J. Bacon, '06*p*, may be addressed at 900 Main St., Pine Bluff, Ark.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1882. James Sumner Collins, '82, to Katharine Files Garner, at Washington, D. C., Oct. 17, 1906. Address, Washington, D. C.

1895. Carl George Zeidler, '91-'93, M.D. (Det. Med. Coll.) '05, to Harriet A. Fletcher, at Chelsea, Mich., July 5, 1906. Address, Belleville, Mich.

1897. Eva May Bowen, '97, to John Stanford Webb, at Marathon, Ohio, Aug. 16, 1906. Address, Thermal, Calif.

1898. Hanna Hansen, '98, to Orson Pratt Soule, '99*l*, at Elgin, Ill., Aug. 21, 1906. Address, St. Anthony, Idaho.

1898. Fred Hopkins Harris, '98*m*, to Alice M. Flint, at Kinderhook, Mich., Oct. 18, 1906. Address, Kinderhook, Mich.

1898. Thomas Phillip Schmidt, '98*l*, to Ami Mueller, at Cleveland, Ohio, Oct. 10, 1906. Address, Clifton Park, Lakewood, Ohio.

1899. James Leslie French, '99, A.M. '00, to Edna Florence Cumming, '02, at Port Huron, Mich., June 13, 1906. Address, 909 E. Washington St., Ann Arbor.

1899. Edwin M. Chauncey, '99*m*, to Myrtle Campbell ,at Girard, Mich., Oct. 10, 1906. Address, Girard, Mich.

1899. Thomas Edwards, '99*l*, to Blanch Pushaw, at Washington, D. C., Apr. 25, 1906. Address, 1443 Girard St., N. W., Washington, D. C.

1899. Orson Pratt Soule, '99*l*, to Hanna Hansen, '98, at Elgin, Ill., Aug. 21, 1906. Address, St. Anthony, Idaho.

1901. Julia Florentyne Bateski, '01, to Joseph St. Armour, at Hubbell, Mich., Oct. 11, 1906. Address, 59 Albion St., Houghton, Mich.

1901. Harry Renick Brown, '01*m*, to Mabel Roma Davis, at Chillicothe, Ohio, Oct. 3, 1906. Address, Chillicothe, Ohio.

1902. Edna Florence Cumming, '02, to James Leslie French, '99, A.M. '00, at Port Huron, Mich., June 13, 1906. Address, 909 E. Washington St., Ann Arbor.

1902. Lauren Elmer Mills, '98-'02, to Georgia O'Hara at Santa Paula, Calif., Aug. 22, 1906. Address, Santa Paula, Calif.

1902. Milo Armstrong White, '02, '04*l*, to Minne Eloise Brinkman, at Great Bend, Kans., Oct. 1, 1906. Address, Fremont, Mich.

1902. Adolphus Mansfield Dudley, '02*e*, '97-'00, to Lila McGaughan, '03, at Philadelphia, Pa., Oct. 10, 1906. Address, Irwin, Pa.

1903. Lila McGaughan, '03, to Adolphus Mansfield Dudley, '02*e*, '97-'00, at Philadelphia, Pa., Oct. 10, 1906. Address, Irwin, Pa.

1903. Harry Lansing Clute, '03*e*, to Florence Ethel Holmes, (Mich. State Normal) '02, at Marshall, Mich., Sept. 15, 1906. Address, 1624 W. 15th St., Chicago.

1903. Louis Wreford Chapple, '03*l*, to Marion Goss, '04, at Billings, Mont., June 20, 1906. Address, 1002 N. 30th St., Billings, Mont.

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1904. Marion Goss, '04, to Louis Wreford Chapple, '03*l*, at Billings, Mont., June 20, 1906. Address, 1002 N. 30th St., Billings, Mont.

1905. Rex Densmore Richardson, '05*e*, to Susan Whitney Brown, A.B. (Elmira) '03, at Elmira, N. Y., Oct. 3, 1906. Address, 5 Westlake Ave., Lakewood, Cleveland, Ohio. Ross M. Coomer, '05*e*, of New York City, was best man.

1906. Bertha DeEtte Payne, '02-'04, to Earl Mansfield Gladden, '06*e*, at Minneapolis, Minn., Oct. 20, 1906. Address, 2909 Chicago Ave., Minneapolis, Minn.

1906. Earl Mansfield Gladden, '06*e*, to Bertha DeEtte Payne, '02-'04, at Minneapolis, Minn., Oct. 20, 1906. Address, 2909 Chicago Ave., Minneapolis, Minn.

1906. Robert Burton Edmonson, '06*l*, to Mildred Dunning, at Knoxville, Iowa, Aug. 14, 1906. Address, Billings, Okla.

1906. Adelbert Ridgely Keller, '06*l*, to Nora T. Royer, at Tiffin, Ohio, Sept. 4, 1906. Address, Tiffin, Ohio.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department.

1855. Matthias Harter, B.S., d. at Halo, Summit Co., Ohio, Oct. 10, 1905, aged 81.

1904. Norman Meldrum Robertson, A.B., d. at Ogden, Utah, Sept. 22, 1906, aged 32. Buried at Burford, Ont.

1905. Ernst Schmitz, A.B., d. at Detroit, Mich., Nov. 2, 1906, aged 23.

Engineering Department.

1901. William Wick Kittleman, B.S.(E.E.), d. at Saranac Lake, N. Y., Oct. 23, 1906, aged 29. Burial at Detroit, Mich.

Medical Department.

1853. Sylvester Smith Burrows, d. at Geneva, Ohio, Sept. 28, 1906, aged 79.

1866. John Fletcher Jenkins, d. at Tecumseh, Mich., Oct. 12, 1906, aged 66.

1877. Guilford Dudley Elder, d. at Bloomington, Ill. Oct. 1, 1906, aged 60.

Law Department.

1879. Daniel Carpenter Hyde, d. at Strafford, Vt., Nov. 14, 1903, aged 61.

1902. John Alexander Craig, d. at Indianapolis, Ind., Oct. 22, 1906, aged 26.

Homoeopathic Medical College.

1879. Charlotte Elizabeth Fitzgerald, d. at Plymouth, Mich., Oct. 4, 1906, aged 61.

1904. Virgil Lucius Weir, d. at Warren, Ohio, Oct. 18, 1906, aged 27.

NON-GRADUATES

Charles Davenport Cone, *a*'72-'73, d. at Detroit, Mich., Sept. 30, 1897, aged 41. Buried at Graceland, Chicago.

Marie Frahm, *m*'96-'97, M.D. (N. W. Univ.) '99, d. at Tuscola, Ill., Sept. 30, 1906, aged 36.

Andrew Miller Jones, *a*'63-'64, M.D. (Jefferson) '69, d. at Denver, Colo., Oct. 1, 1906, aged 63.

William Stuart McArthur, *a*'86-'88, d. at Cheboygan, Mich., Oct. 13, 1906, aged 38.

Hiram Van Renssalaer Manzer, *m*'65-'66, M.D. (Fort Wayne) '78, d. at Jerome, Ohio, Oct. 23, 1906, aged 70.

Charles Stewart Millen, *d*'91-'93, D.D.S. (Columbus) '95, d. at New Orleans, La., Oct. 27, 1906, aged 34. Buried at Forest Hill, Ann Arbor.

Charles Patterson Russell, *m*'72-'73, M.D. (Bellevue) '74, d. at Utica, N. Y., Oct. 26, 1906, aged 58.

Harvey Eugene Starr, *d*'05-'07, d. at Ann Arbor, Oct. 29, 1906, aged 25. Buried at Moscow, N. Y.

Wilson John Wishard Stockton, *m*'75-'76, M.D. (Cin. Ecl. Inst.) '77, d. at Washington, Pa., Oct. 19, 1906, aged 58.

Jeremiah Carl Wilson, *m*'53-'55, M.D. (Castleton) '55, d. at Rochester, Mich., Nov. 4, 1906, aged 78.

Homer La Fayette Wright, *a*'62-'63, A.B. (Ohio Univ.) '64, A.M. (*ibid.*) '67, LL.B. (Albany) '68, d. at Logan, Ohio, Dec. 12, 1904, aged 60.

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OBITUARIES

MATHIAS HARTER

Mathias Harter was born in Summit County, Ohio, in 1825. After passing through the public schools, he came to the University and was graduated with the class of 1855. He and his brother George were the first students to receive the degree of Bachelor of Science from this University. Until the outbreak of the Civil War he taught in the Stark County Schools, and at Cedar Falls, Iowa, but returned to Ohio in 1861 and enlisted with the Ninth Ohio Volunteer Infantry. He served throughout the War and was a member of Sherman's brigade on its march from Atlanta to the sea. At the end of the War he received his honorable discharge and returned to Halo, Summit County, Ohio, where he lived until his death, which took place Oct. 10, 1906. The cause was chronic bronchitis from which he had been a sufferer for seven months. Mr. Harter has always been interested in raising and propagating of fruits and vegetables and for years past he has lived on a strictly vegetable diet. He is survived by five children.

JOHN EDWIN CONLAN

John Edwin Conlan was born in Washtenaw County, Mich., June 19, 1849. After completing a course of study in the public schools of Ann Arbor, he took up the study of medicine in the University of Michigan, receiving his degree in 1878. Immediately after his graduation he opened an office at Gasburg, remaining there until 1889, when he moved to Munith and continued practice there until his death. Dr. Conlan was prominent in political and social circles. He received the appointment of Post-master of Munith in 1901 and was prominently identified with with the Masonic and various other fraternal orders. He was married in 1882 to Margaret M. Angevine and died June 29. His wife, two daughters, and a son survive him.

BOOK REVIEWS

HISTORY OF ST. ANDREW'S CHURCH

As a piece of local historical writing this work merits unqualified praise. It is a plain, unpretentious, yet dignified, story of more than seventy years of the life and struggles and triumphs of a parish church in a college town; and the treatment is in every way worthy of the subject. The record begins with the earliest days, about ten years before the opening of the University, when the town was a mere hamlet, and traces the growth of the church through the usual trials and vicissitudes incident to all such organizations, down to the days of established strength and prosperity. The author has made use of all available materials including the vestry books, personal recollections of the oldest survivors of the parish, and some attempts of previous chroniclers; and he has thus been able to give reasonably full details of the successive steps in the advancement of the church from the day of small things till the present time. It is not likely that this account will ever need to be done over again, and it will probably stand as the definitive record of the parish during the years covered by it. The parish has been fortunate in securing for the task the services of so practised and sympathetic a hand.

The story here told should prove interesting to many of the alumni of the University, whether communicants of this church or not. Within the walls of the present church edifice and of the one it replaced have worshipped many leading members of the Faculties, several of them of most blessed memory: Williams, Frieze, Palmer, Fasquelle, Douglas, Gunn, Morris, Tyler, not to name men still living. As the present reviewer has turned the pages of this volume he has recalled with lively affections the days when in common with many students of his time he frequented this church to hear Dr. Gillespie read the service and Dr. Frieze play the organ. Besides well known professors and their families sitting in the pews, he recalls other names of men prominent in the community in those days,—Judge Kingsley, Volney Chapin, Charles A. Chapin, Hiram J. Beakes, John M. Wheeler, Charles H. Richmond, Chauncey Millen, James Clements, Dr. Wells,—all now, alas, tenants of the silent city at Forest Hill, where their names may be seen cut in stone. But the book is a more lasting record. Whatever helps to keep alive the memory of men like these, and of just men of even humbler mould, should be welcomed by us all; and a debt of gratitude is due the author for his unselfish labors in giving to these

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fading annals an orderly and enduring form. D.

A History of St. Andrew's Church, Ann Arbor, Michigan. By Arthur Lyon Cross, Ph.D., Assistant Professor of History in the University of Michigan, Ann Arbor. George Wahr, 1906. pp. xi+175.

LOCAL GOVERNMENT IN AMERICA

The familiar intelligent traveler in the United States who desires to obtain in brief time a working knowledge of the institutions by which the Americans govern themselves may well find it an impossible task that he has set for himself. American institutions, so far as they are centralized in the Federal Government, are easily within the comprehension of the average student, but the problem of the States is closed to all but the specialist, and even he must refer constantly to his notes and after that admit the limitations of human knowledge. The forty-five commonwealths which are left to their own devices in most of the matters of their local government have shown no desire to learn from the experience of others or to co-operate with their sister states in simplifying the machinery of their governments. Hence it results that while a general similarity in appearance prevails among the states there is beneath the resemblance a variety of detail that makes it impossible to generalize concerning their subdivisions or officials. The resemblance is indeed specious since the frequent recurrence of the common names of county, town, township, sheriff and the like, misleads the unwary observer into a belief in an identity that is wanting in the fact.

Professor John A. Fairlie has recently undertaken the task of describing local government in the comprehensive series of volumes which, under the editorial supervision of Professor W. W. Willoughby, of Johns Hopkins, is designed to set forth the various governmental agencies of the American state. The result of his labors is now before us, and illustrates in its form and substance the great difficulties of his subject. Professor Fairlie has found that general statements upon any of the topics within his field are out of the question, and has wisely abandoned the idea of harmonizing the discordant facts which confront him. In general he has followed the plan of establishing the broad principle, and limiting the principle by reference to variant usages in the several states. In this way he has made it possible for the investigator to ascertain the fact in the case of any single state and to learn at the same time whether the fact is to be viewed as in accordance with general usage, where there is any general usage, or whether it is exceptional in its character. The service which he has thus rendered can scarcely be appreciated by those who have not had to deal with the several states and to struggle with the inconsistencies which they offer. The result is enclycopedic in its nature and lacks that element which is commonly termed popular, but it possesses the higher quality of broad, careful scholarship.

For a long time it has been a common statement of historians of the westward movement that the institutions of the seaboard moved west along the parallels, that the town of New England reproduced itself in the west, that the southern county did the same, and that the mixed institutions of the central states continued to divide the two pure types. Professor Fairlie's conclusion, based upon the facts of the institutions of the new states, does much to weaken the force of this easy generalization. Like most clear and symmetrical statements it fails to stand the strain of rigid investigation. Political organisms when left to themselves vary as much as do those of the biological world. The influences of environment, and mental constitution, and political experience, and of chance all have to be counted in; and the resulting institution cannot be determined from any preconceived opinion. Professor Fairlie makes little attempt to explain the origins of the institutions which he describes, contenting himself generally with stating the present fact.

A sketch of the history of American local institutions fills the first three chapters of Professor Fairlie's book. In these the parent institutions of England find a description, which is continued as the institutions are transplanted in the American colonies, and reorganized at the revolution in the state constitutions. After this description four chapters are devoted to the county in its general aspect, and with its local variations. One by one, the officers of the county are discussed: the county board, the justice and his court, the prosecuting officer, the sheriff, the coroner, and the various officers and boards which have to administer finance, registry and education. It is worthy of note that in these accounts it is clearly shown that the tripartite division into executive, legislative and judiciary of which the American constitutional system boasts so much, is lacking in the most common institution of local government; and that the officials of the county are not carefully divided in their functions upon this general plan.

A section on the minor divisions of the state comprises four more chapters, dealing first with the New England towns

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and their famous town meetings, in which historians have seen the perpetuation of the original Anglo-Saxon courts. Following the towns, Professor Fairlie describes the townships of the central states, the county districts of the west and south, and villages and boroughs wherever found.

The last portion of the book has to deal with the relations of the state and its local constituent parts. Education, charity, health, correction and finance are all discussed as the common ground over which both state and local powers constantly work; and in the last field, finance, the author notices the "distinct movement towards state supervision" which begins to harmonize the workings of individual parts.

Within the state, as within the nation, Professor Fairlie points out in conclusion, the present development in swinging towards centralized administration. Just how far this will go, or how far it ought to go, he does not venture to predict, but he believes that "the most important administrative problem in our state governments today, is probably that of correlating and organizing the mass of minor offices into a definite system."

The book, as we have already said, is not a popular treatise, and lacks the romantic and spectacular element entirely, but it is a satisfactory presentation of its subject, well thought out and well executed, and a proper source of gratification for the institution from which it emanates.

FREDERIC L. PAXSON.

Local Government in Counties, Towns and Villages. By John A. Fairlie, Junior Professor of Administration. New York, Century Co., 1906. American State Series, edited by W. W. Willoughby. pp. xii+289.

VERSES BY RICHARD KIRK

Granting the Arnoldian doctrine that all depends upon the subject, then Richard Kirk has, in a handsome little volume of forty-three pages, just issued by George Wahr, given us some worthy verse, for among his themes are Books, Fame, The Golden Age, The Sea, Truth, Poetry, Religion, Love, Life, Death. If, though, poetry is, as Shelley has it, "the record of the best and happiest moments of the happiest and best minds," one a little wonders at the preponderance in this volume of the verses contemplating the last named theme, —Death. Curious, too, appears the varying mood of this brooder over death. In *After the Song* are these lines,—

"And now I know
That done with me
The great musician sets me free."

In *The Fading Picture,* these

"He is dying, but he knows
Only that the picture fades,
Only that oblivion flows
Over his beloved glades."

Again, the closing lines of *Departure,*—

"O, I shall be afraid! Remembering how,
Breathless and terrified, awaiting death,
You lay, your fingers twined in mine,
Until they dropp'd, and lay upon the bed,
Like shells from which the ebbing flood fell down!
O, my beloved! I shall be afraid!"

Mr. Kirk has the faculty of terseness in expressing his opinions of many things that keep most of us explaining till we become wearisome to ourselves. The scientist is dismissed with the following,—

"In Time's fair garden he fulfilled his hour:
Grubbed at the roots, and brushed aside the flower."

Here is the idealist,—

"While men sowed wheat he planted flowers instead;
Who, famished, marvels men may live by bread."

And here, fame, music, poetry,—

"He wrote one simple little song and desolate came to die:
A mother sang it to her babe a thousand years thereby."

In the couplet on *Truth* the evolution of thought is summed up with equal brevity,—

"To ancient bonds of truth new bonds succeed;
Today's dissenter writes tomorrow's creed."

The themes in this little book are more worthy, in the main, and the workmanship much more thoughtful and skilled than in the author's former volume, "Brother Toper and Other College Verse." He has here reprinted from "Brother Toper" the verses entitled *Maybe,* though for what rhyme or reason we do not know, as they are much in keeping with the contents of the former volume and not so with those of this, with the exception, possibly, of the *Adam's Wisdom.*

Mr. Kirk has here two sonnets to his credit. He is trying his hand, too, as do all of the craftsmen in verse today, at various French forms, and succeeds well with the Villanelle and the Triolet, especially with the former. He has also admirably caught the music of the negro melody in

"What you dreamin', li'l' moon, li'l' moon."

While we are surprised at the slight touch of the morbid here and there in these verses, a touch that does not seem characteristic of the author himself, yet the fine technique, of necessity, excludes the sickly sentimental or "messy" so common in contemporary verse-making. The volume contains unusual work in our day for so young a man. T. E. R.

Verses by Richard Kirk, Instructor in the Department of Rhetoric, University of Michigan, Ann Arbor. Geo. Wahr, 1906,

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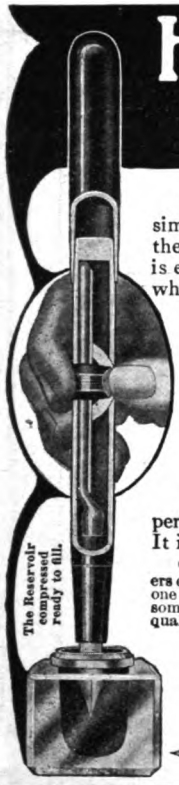

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THE MICHIGAN ALUMNUS

VOL. XIII DECEMBER, 1906 NO. 119

EVENT AND COMMENT

UNION BUYS THE COOLEY PROPERTY

Another long step has been taken toward the realization of the ultimate purpose of the Michigan Union,—to have a club house. The Union has practically completed arrangements for the purchase of the old home of Judge Thomas M. Cooley on State Street, as the site of the future club house. For the present the beautiful old home of Michigan's famous jurist will be used temporarily as headquarters for the Union, or until the money for the proposed building shall have been collected. Although the matter has been in the air for a long time, the final announcement of the completion of the arrangements for the purchase of the property was not made until the Union Banquet held December eighth. ¶ While the old Cooley house cannot, of course, begin to fulfill all the purposes which are expected of the prospective club house, yet it will serve most acceptably as a temporary home. As it is, it can be made to fill some portions of that great void for which the Union club house is designed.

FOR THE PRESENT

There are obviously some things which such a building can do immediately, simply because it will be, or should be, the official center of all undergraduate activities, and of the graduates also in so far as they come into contact with the life of the University. The main rooms of the old house can be made a general rendezvous for members of the Union, undergraduates and alumni, with fireplaces, tables, magazines, games and a piano. Then a number of the more important college organizations might also find offices, or at least desk room on the second floor. There will also be rooms set apart for the use of the officers or committees of the various student organizations. The Union will also of course have its directors room and General Secretary's desk in the building. The membership dues to the Union will be low, necessarily because the benefits to the students will not be great; although they will have to be something more than the $1.50 ticket to the annual banquet which now includes Union membership. One thousand,—two thousand, students should be willing to pay an equal amount at least for the privileges offered even by such a general headquarters and that would pay the running expenses. ¶ The most important effect however that the purchase of this lot and building will have, is that it will give to the Union in a certain way a corporeal existence. It will be something real before the students and alumni of the University, instead of a bright dream, that one may see fulfilled perhaps, if one lives long enough, and is

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fortunate enough to pass this way in after years. It will give us an actual promise of something worth working for. The building will not be a club house: it cannot serve all the purposes which the ideal building, as those most interested in the plan see it, but it is a long step toward the realization of our hopes. It is something tangible.

THE NEW MEMORIAL BUILDING

Right across the way from the property on which the future club house is to stand, is the site of the new Memorial Building, on the southwestern corner of the Campus. The plans and elevation of this building as proposed appear on another page, as well as a communication from the Memorial Committee to the Alumni of the University. They show a building that can not but be a great ornament to our Campus, sadly in need of just such impressive buildings. Two-thirds of the amount which the Memorial Committee considers desirable for this building, is already pledged and over one-third, or $68,060.98, has been paid to the Treasurer of the University, who is holding the sum in trust. There is a strong probability, therefore, that we shall see this building on our Campus within a comparatively short time. It is quite possible that it will be completed and fulfilling its function in the life of the University before the funds necessary for the Club House, as desired, will be even approximately in hand.

THE CLUB HOUSE AND THE MEMORIAL

Now that the Memorial Committee is on the last lap, as it were, in its work of raising the necessary funds for the Memorial Building while the Union is just getting ready to start out on the actual task which lies before it, of raising the amount required for the proposed Club House, THE ALUMNUS feels that just here there are some things which might be said. ¶ For a long time we have felt that the Committee in charge of the Memorial Building and the Union have been working somewhat at cross purposes. Perhaps it has been something incompatible, in the fundamental ideas of the two projects that is answerable for this lack of sympathy. Many have thought that the two should have been combined, but that has seemed hardly possible to those most interested in both projects. While both buildings are eminently practical in their functions, the underlying sentiment of each is different. The one is a matter of sentiment, a memory of the Michigan spirit of forty years ago, of a time when men stood ready to prove it with their lives. The Memorial Building is designed, among other things, to keep their memory green, to give to us, the younger men of the University, a glimpse of a past of which we are proud. The other, the Union, has possibly a little more utilitarian object, it deals with the present and the future, rather than the past. It seeks to answer the needs which those who are closest in touch with the student body of the present day know to be very pressing, if we are to keep alive that very spirit which proved the inspiration of those older men. They attended a far smaller and more homogeneous college than does the undergraduate of nowadays. In the present unwieldy college body there is little opportunity for the average student to extract the advantages of personal contact with men of other interests, alumni and professors which came as a matter of course to the men of an earlier and a smaller University. ¶ We must face our questlon frankly, —Michigan has great advantages, and our numbers of students, of late years have made possible many things un-

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dreamed in the past. But there are things we may lose forever, perhaps, if we are not watchful. That is the reason why the future Memorial building and the Michigan Union as they face one another across State Street should stand for coöperation and mutual support. They should be complementary one to the other, one doing its best for the alumni of the future; the other keeping alive, in a practical way, the memories of a great past.

SPANISH AMERICAN STUDENTS

Right in line with the efforts of President Roosevelt to bring about more cordial relations with our Spanish American neighbors comes a suggestion from Durango, Mexico, that is at least worth careful consideration. In a recent letter to THE ALUMNUS, James A. LeRoy, '96, at present United States consul at Durango, outlines a plan by which he hopes that more young men from Spanish America may be induced to come to this country for their education, instead of going to Europe. Furthermore, Mr. LeRoy is interested in inducing these young men to go to non-sectarian colleges and universities. Such a movement he believes "would be the most effective means of all in bringing our American peoples more nearly together. Most of the comparatively few Mexicans who go to school or college in the United States are put in Jesuit or other Catholic Schools. Why? Because their parents fear to let them plunge suddenly into the atmosphere of our big universities, with almost complete individual liberty of action. The young Spanish American is brought up under careful, even jealously suspicious oversight, both at home and in Church schools. Questions of temperament aside, a sudden throwing off of all restraint over him is often productive of bad results." As a means of solving this question Mr. LeRoy proposes that "our University do even more than Pennsylvania is now doing, to stimulate the movement of Spanish Americans to the United States instead of to Paris, for professional and technical training, and as far as possible academic training too. This would not consist solely in printing an announcement in Spanish for distribution in Mexico and South America, but in providing a sort of "Latin American Bureau." There should be provided some clever, tactful, capable, Spanish speaking man, of the Catholic faith, who would serve as a sort of "woman's dean" and more for students from these countries. When such a plan is provided, results will follow very quickly, and many parents who now distrust our social freedom will send their sons to us for special preparation." It is needless to point out the significance and the timeliness of Mr. LeRoy's recommendations. His experience among Spanish speaking peoples both in the Philippines and in Mexico should lend his words especial weight. It seems as thought this were at once a duty and a great opportunity for the University. The expenses for maintaining such a bureau, would at first be merely nominal, and we have the word of one who is in the most favorable position to know, that the results would be immediate. We should like to see it tried.

MICHIGAN AT PENNSYLVANIA

An account of the Michigan-Pennsylvania game of November 17 will be found on another page. There are no explanations to make, except one,—Michigan met a better team, and was squarely beaten. The result might have been different, in degree,—we can at least be tolerably certain that

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the score would have been less than 17 to 0, —if Captain Joe Curtis has been in the game instead of lying in a hospital in Ann Arbor with a broken leg, and if the field had been dry, instead of being heavy and wet as it was. But enough of "ifs"; Pennsylvania showed a surprising reversal of form and was more than ready for us. THE ALUMNUS hardly dares express sympathy with the team,—that is probably just what they do not want, if they are the Michigan men and the sportsmen that we believe they are, but we can congratulate them on a clean game well played, on a worthy representation of the spirit of Western athletics. As for winning the game,—better luck next year. And to Captain Curtis we extend our sympathy, not so much for the pain, and enforced inactivity, which must have been worse, but rather for the "black jack" that he has drawn from the pack these last two years. ¶ The *Philadelphia Press* has this to say apropos of the spirit shown by the two teams at the game. "The fact that Curtis, the brilliant end, was kept out of the game through an injury was a source of much regret. It was a splendid display of sportsmanship by the Penn coaches when they sent Yost a telegram of regret when first they learned of the accident. In fact, this entire Michigan game has been much more wholesome in all its aspects than its predecessor on the Quaker schedule. There have been no insinuations, sneers, protests or other caddish acts which have usually preceded the Harvard game. The people at Ann Arbor are sportsmen in all that the word implies. Their team played a clean, hard game and up at the Normandie Hotel two hours after the contest, with the lobby filled with Michigan students and alumni, cheers for Coach Yost and the Wolverine eleven were followed by a rousing locomotive for Pennsylvania, and the Quaker students paid a pretty tribute to the vanquished by gathering in front of the Michigan section after the game and cheering for the Wolverines."

ON THE ALUMNI GAME

Thanksgiving Day was to have seen a football game between the alumni of the Universities of Chicago and Michigan, if the plans of various enthusiastic graduates had been carried out. The alumni of both universities in Chicago have felt very much disappointed at the lack of the annual game this year, and apparently set about to supply the deficiency. The game was to have been played between two teams composed of alumni of both universities who have been prominent members of past teams, as well as several ineligible players still in college, notably Eckersall of Chicago and Schulte of Michigan. ¶ The question of allowing these undergraduates to play however, proved to be the stumbling block which finally prevented the game from taking place. The matter was brought to the attention of President Angell and the Board of Control, through the request of those who had the arrangements for this game in charge, that Schulte and possibly one or two other ineligible players be allowed to participate. Both President Angell and the Board felt, however, that inasmuch as the game would be upon a purely professional basis, it would be most undesirable to have any undergraduate representatives on the team, and that the game itself would be contrary to the strictly amateur spirit of college athletics. Chicago likewise refused permission to any undergraduate to participate in the game and Professor Stagg did all in his power to prevent alumni participating. As a result the game was declared off No-

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vember 24. The Michigan Board of Control passed the following resolutions on the matter: ¶ "Whereas, it is the unanimous opinion of the board in control of athletics that any student, now enrolled in the University, who may take part in the game of football which has been proposed and is now being promoted by certain alumni of one or both of the universities concerned, between Chicago and Michigan players on Thanksgiving Day, Nov. 29, 1906, will be guilty of a serious violation of the spirit, if not even of the letter, of the rules which have been adopted for the regulation of intercollegiate athletics. ¶ *Resolved*, That, in case of such offense, the student or students involved be recommended for discipline to the Senate of the University, and ¶ That by the publication of these resolutions the attention of the alumni of the University of Mchigan be called to the sentiment of this board, and that appeal be made to them accordingly to refrain now and hereafter from any acts which may give even a suspicion of professionalism to intercollegiate athletics, or which in any way may compromise the position that has been taken by the Universities of Chicago and Michigan, as well as by other prominent universities of the country."

THE CONFERENCE—CHANGES IN THE NEW RULES

At the session of the Conference of Western Colleges at Chicago, Dec. 1, several changes and modifications of the "reform" measures taken at the two sessions last year were made. A year's test has made the necessity and desirability of some changes in the earlier rules apparent. The principal changes, adopted after a great deal of discussion, were as follows:

The playing schedule was extended from five to seven games. This however will not necessarily increase the length of the season.

The retroactive features of the three year rule were eliminated. This was done on account of the irritation which the enforcement of the rule aroused. It was felt that its enforcement might overbalance whatever good it might do.

All students entering college before Sept. 1, 1906, are to be eligible to play four years.

Football practice in the fall shall start not earlier than Sept. 20. This rule gives all the colleges an even start, which was impossible under the other ruling, inasmuch as many of the colleges open upon different dates.

No intercollegiate freshmen games are to be permitted.

The Conference also placed itself upon record as recommending that coaches, officials, and athletes shouid not after a game, discuss with reporters or representatives of the press the merits of a play, or other features of the game. It was felt that many evils, and even opportunities for a display of poor sportsmanship, attended interviews of this sort.

While these measures may seem, at first thought, to be a backward movement from the position taken at the first Conferences, a little closer consideration will show that they are rather in the nature of readjustments made with the purpose of increasing and not weakening the efficiency of the earlier measures. Judge V. H. Lane, the chairman of the Michigan Board of Control in Athletics and our representative to the Chicago Conference, said, in explanation of the action of the Conference, in an interview published in the *Daily*: "It would be strange indeed if, for one reason or another, such a body of legislation as was enacted in that Conference, of so much importance as related to the conduct of collegiate athletics, should not be found subject to improvement

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in the light of substantially a year of work under it. The great work of that Conference still stands. The modifications proposed in the Conference just held are of minor importance, comparatively speaking."

Besides Judge Lane, the Michigan representative, those present as delegates were as follows: Professor A. A. Stagg, Chicago; Professor Goodenough, Illinois; Professor U. G. Weatherly, Indiana; Professor A. G. Smith, Iowa; Professor R. E. Wilson, Northwestern; Professor T. F. Moran, Purdue; Professor James Paige, Minnesota, and Dr. C. P. Hutchins, Wisconsin. Dr. C. P. Hutchins, of Wisconsin, was chosen chairman of the meeting, and Professor T. F. Moran, of Purdue, its secretary.

THE NEW PORTRAIT OF PRESIDENT ANGELL

In the estimation of art critics, the new portrait of President Angell, which was completed this last summer by William M. Chase, and which has just been presented to the University through the efforts of the Michigan Union, is a masterpiece. It was upon exhibition at Providence, R. I., until Nov. 17, and one of the Providence papers had this to say about it.

"Local artists and students at the Rhode Island School of Design are being afforded an unusual opportunity to study the work of the leading American portrait painters side by side in the galleries.

"On Tuesday last the portrait of President Angell of Michigan University, painted by William Chase, a noted New York artist, was hung in the great gallery of the museum, fronting the portraits of Miss Sarah E. Doyle by Cecelia Beaux and that of Mrs. Jesse Metcalf by Frank O. Benson, while the brilliant Sargent portrait of Mrs. Fiske Warren of Boston still challenges the attention on the side wall. A small portrait by Edmund C. Tarbell hangs near the Chase portrait.

"The opportunity of studying and comparing the style and technique of these artists is exceptional, and one inevitably turns from the bravura of the Sargent canvas, the spiritual quality of the Cecilia Beaux, to the masterly Chase portrait with a sense of rest. For the first and the greatest impression made by the Chase portrait is that of power of repose, then a sense of ease and freedom in the handling, of dignity of pose and of a strong personality in the figure of the man seated in the chair. Before such a canvas petty criticism is silenced and finds little to cavil at in brush work, flesh tones or general treatment.

"Besides being a great work of art the portrait is full of character, the genial face—high of color—with the half-quizzical smile in the eyes, at once focussing the attention.

"It is a convincing presentment of a commanding personality. One has the sense of the figure under the rich folds of the academic robe, and there are no details of meaningless accessories to detract from the high dignity of the portrait. The background is in dull gold brown and black, presenting a simple dark surface, a sort of 'margin of silence' surrounding the figure. The hands are remarkably painted and the technique shows Chase at his best.

"Mr. Chase has long been considered one of the foremost figures among American portrait painters and has done many portraits of noted men, but in this canvas he has surpassed himself. His technical equipment for his work is unusual and wherever he has exhibited he has invariably won honors. He was awarded his first medal at the Philadelphia Academy in 1876 and received honorable mention at the Paris Salon in 1882. He received honors at Munich

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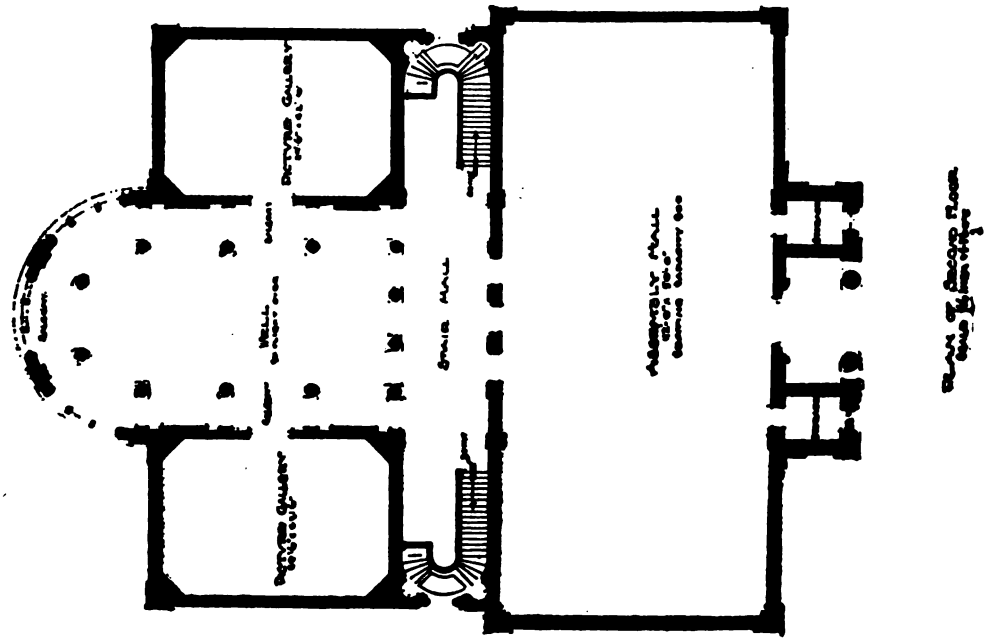
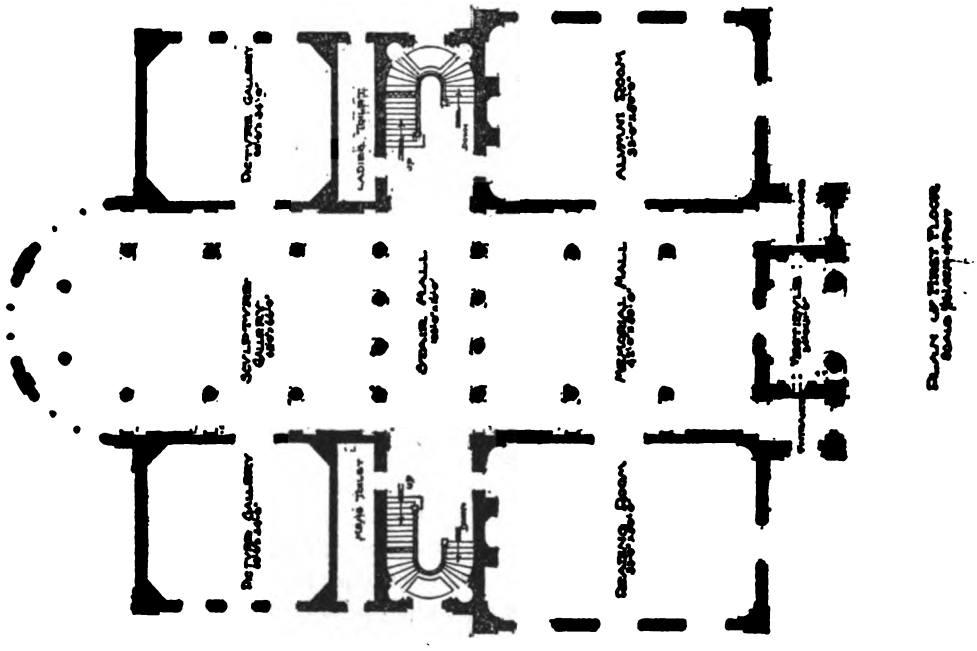
ELEVATION AND FLOOR PLANS OF THE PROPOSED MEMORIAL BUILDING FOR THE UNIVERSITY OF MICHIGAN

DONALDSON & MEIER, ARCHITECTS
DETROIT, MICH.





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in 1883, silver medal at Paris Salon 1889, first prize Cleveland Art Association 1894, Shaw prize Society of American Artists 1895, gold medal of honor Philadelphia Academy of Fine Arts 1895, gold medal Paris Exposition 1900, and he is a member of the National Academy and the Society of American Artists.

"The portrait, according to the inscription, is to be presented to the University of Michigan by 'The Students, Faculty, and Alumni,' and is being shown here in the East before being sent to its final destination.

"The fact that James Burrill Angell, A.B., A.M., LL.D., is a native of Rhode Island and a graduate of Brown University makes the exhibition of this portrait of unusual local interest. The East, particularly New England, has always been proud of President Angell, and never loses the opportunity to point out that he is a product of her soil and educational institutions. He not only graduated from Brown, but was Assistant Librarian 1849-50, and Professor of Modern Languages 1853-60. In 1860 he became editor of the Providence Journal, leaving Providence to take the Presidency of the University of Vermont in 1866. In 1871, he went to Michigan, as President of the University, the position which he still holds. In fact, he is known throughout the world as a leader in educational circles and as an authority on international law. As Minister to China and to Turkey he also became known to the diplomatic world and has been sought to negotiate treaties and settle vexed international questions. He is also known as the author of numerous addresses and articles."

The formal presentation of this picture to the University took place Saturday afternoon, Dec. 1. A full account of the exercises will occur in the next number of THE ALUMNUS.

THE MEMORIAL BUILDING

To the Alumni of the University of Michigan:—

The alumni Memorial Building enterprise has now developed to such proportions that the committee believe that the Alumni should be fully informed both as to the work already accomplished and, also, as to the requirements for the completion of the building. And first, we desire to express our appreciation of the generous response and enthusiastic co-operation on the part of so large a number of the Alumni and friends of the University. Some of the subscriptions (one of the amount of $1,000) have been entirely without solicitation, and many letters from prominent alumni in response to circulars have indicated that the time was ripe for this united expression of loyalty and good-will to our Alma Mater. There have been now subscribed $105,945.75, of which amount the sum of $68,060.98 has been paid into the University Treasury and is drawing interest.

At the annual meeting of the Alumni Association in June last the following resolution was adopted.

"Resolved, That the Alumni Association accept the report of the Memorial Committee and instruct its members to continue their work of soliciting funds and to secure in any other way deemed desirable the amount required for the proposed Memorial Building."

The report referred to in this resolution recommended that a building be constructed to cost about the sum of $175,000. If each alumnus could be seen personally, the balance required, about $65,000, would be readily and easily obtained. Our members are scattered far and wide throughout this and foreign countries and can be reached only by correspondence, and the circular letter easily gravitates to the waste basket. If

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not already a subscriber, will you not hasten the completion of this enterprise (to be for all time a tribute of gratitude from the alumni as well as a permanent benefit to the succeeding generations of students) by sending your subscription pledge to the Secretary of the Alumni Committee, Edward W. Pendleton, 1106 Penobscot Building, Detroit, Michigan, to any other member of the committee, or to the treasurer of the University?

You will, undoubtedly, be interested in the preliminary sketches, setting forth the general design and arrangement of the proposed building. It is intended to use fine buff stone for the exterior, with broad granite steps and landings, the construction being fireproof and of thoroughly substantial character. The entire building will be always open for the daily use of students, faculty and alumni and their friends, absolutely without expense. The main floor is approached through a deep colonnade entrance vestibule in the center of the principal facade, with minor entrances at the sides. These entrances open into a spacious hallway forty feet in width, extending the length of one hundred and thirty-two feet, with a line of detached columns at the sides and end. On the side walls of this hall are spaces designed to receive memorial tablets. It is also proposed that the rear portion of the hall, which terminates in a semi-circle, be used as a sculpture gallery, being abundantly lighted from a roof sky-light and from side-lights placed high and under the balcony, which is on a level with the second floor. Four large rooms open out from the main hall. The two front rooms each thirty-three by fifty feet are for the offices and headquarters of the Alumni Association, and the two rear rooms, each twenty-nine by thirty-four feet are designed for picture galleries. The floor of the main hall will be of Tennessee marble tile, and two flights of wide easy stairs lead to the second story.

Upon the second floor, at the front, is the assembly hall, fifty by one hundred and twelve feet, with a seating capacity of eight hundred. This is lighted from a roof-skylight and is designed to be used as a picture gallery and for portraits and memorials of alumni that have rendered distinguished service in civil life, as well as for an assembly hall. This hall will be in constant demand for lectures and student gatherings. The two rear rooms upon the second floor, each twenty-nine by forty-two feet, also lighted from roof-skylights, will furnish additional opportunity for pictures and statuary. The building will be heated from the university power plant and provision is made for enforced ventilation. Perpetual care and maintenance are guaranteed by action of the Board of Regents. It is believed that the plan of the art galleries will lend itself in an appropriate manner to the memorial feature. It will relieve the already crowded library building and, while the architecture will be monumental, the design will prove eminently practical and usable. Much time has been given to the consideration of the design of the building, and these plans have been adopted under the unanimous approval of not only the Memorial Committee, but, also, of the committee of the Board of Regents, consisting of Hon. Arthur Hill, Hon. Frank W. Fletcher and Hon. Levi L. Barbour. All pledges have been made contingent upon the subscription of $100,000. This condition has been made good, but the committee does not believe that you will approve of its work, without a strenuous effort on its part to increase this amount. The enterprise is now so far advanced toward a splendid success that anything less

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would be unworthy of our great university and its alumni; hence this last appeal, that your committee feels justified in making. This circular and the building plans have been submitted to the Board of Regents and meet their cordial approval.

CLAUDIUS B. GRANT,
Chairman.
CHARLES B. WARREN,
Vice-Chairman.
MARTIN L. D'OOGE,
VICTOR C. VAUGHAN,
WM. N. BROWN,
HOYT POST,
FRANKLIN H. WALKER,
CLARENCE M. BURTON,
EDWARD W. PENDLETON,
Secretary.

THE NOVEMBER MEETING OF THE REGENTS

The Board assembled November 14 in the Regents' Room in the Law Building with all the Board present excepting Regents Knappen and White. On motion of Regent Carey the Building Committee was authorized to procure plans for a new Dental building and submit the same to the Board.—The Superintendent of Buildings and Grounds was authorized to purchase a machine for moving trees on the Campus to cost not more than $150. He was also authorized to procure a heavy canvas to protect the running track in the gymnasium.—The Building Committee was authorized to report a plan for placing additional fire escapes on University Hall.—The Building Committee was also requested to report the cost of an ice machine, sufficiently large to care for the wants of the University.—The Museum was given the full time of one janitor by vote of the Board.—The following communication from Professor Henry M. Bates, chairman of the portrait committee of the Michigan Union, was read.

"To the Honorable the Board of Regents.
University of Michigan, Ann Arbor.

Dear Sirs:

In behalf of the committee raised by the University of Michigan Union for the purpose of securing a worthy portrait of President Angell, I beg to inform you that the portrait has been completed by Mr. William M. Chase and that it is the intention of our committee to have presentation exercises in University Hall in the afternoon of Saturday, December 8.

The portrait is a gift from the subscribers to the University, as well as a testimonial of affection and admiration for our President, and we therefore respectfully request you to designate some person to make a brief speech of acceptance on the behalf of the University on the occasion above referred to.

Very respectfully,
HENRY M. BATES.
Chairman of the Portrait Committee."

It was voted unanimously by the Board that Regent Knappen be requested to represent the University on the occasion of the presentation of the portrait of President Angell.—Ethel M. Wight was appointed general assistant in the general library for the college year.—The matter of constructing a lecture room in the basement of the Palmer Ward was referred to the Building Committee with power, the cost not to exceed $400.—The Board then took a recess.—Upon reassembling at two o'clock the Board voted to purchase a new feed pump for the use of the hospital heating plant at a cost of $136.—Upon the recommendation of the Superintendent of the Hospitals the following graduates of the Training School for Nurses were granted certificates of graduation: Effie MacLeming, Laura May Helmer, Florence Edna Parrott.—Upon the recommendation of the

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Faculty in the Department of Law the degree of Bachelor of Laws was conferred upon Daniel Carl Murphy and Elmer Harry Phelps.—A communication was read from the Dean of the Department of Medicine, containing two recommendations, one suggesting the notification of the proper authorities within twenty-four hours, of the receipt of samples of water for analysis and the other the notification of the Treasurer of the University, of the name and address of each patient of the Pasteur Institute as well as a second report of the same when the treatment is completed. These recommendations were approved by the full vote of the Board. —The Board then adjourned to Saturday, Dec. 8.

THE NEW BOTANIC GARDEN

Botanic gardens are perhaps as old as civilization. The gardens referred to in the literature of ancient peoples, especially the royal gardner, were probably more like parks than botanic gardens. But that true botanic gardens existed at the beginning of the Christian era is shown by the writing of the elder Pliny, who speaks of the garden of Antonius Castor at Rome as containing a collection of medicinal plants. Medicinal plant gardens were the forerunners of our modern botanic gardens. These gardens with their collections of medicinal plants were a regular part of the monastic institutions of the middle ages, the plant extracts, or "simples," being used by the monks in their treatment of diseases. In the 15th and 16th centuries, the universities of Northern Italy established medicinal botanic gardens, and used plant material from the gardens in the lectures in the medical schools. At the same time divers university professors and monks began the study of plants with a view to their relationship, disregarding in large measure their medicinal qualities. The result of such study, we have with us in the form of the old herbals, invaluable from a historic point of view with their painted woodcuts and text-descriptions.

The existing gardens of France, Germany, Holland, and England were established generally in connection with universities, during the 16th and 17th centuries. The purpose of the gardens was generally for instruction in botany and materia medica. Some of the gardens, now serving that use, were established for esthetic purposes, as the *Jardin des Plantes,* established in Paris in 1597, for the determination of "What variations were possible in the style of boquets worn at the royal courts." At the present time every European university has its botanic garden; and besides these, most of the European governments maintain one or more large gardens. The larger and more celebrated ones maintained at government expense are those of Kew in England, Edinburgh, Dublin, Dahlem near Berlin, Paris, and Buitenzorg on the island of Java, maintained by Holland. The university gardens generally range from 5 to 20 acres in area, while the government gardens range from 60 acres at Edinburgh, 75 at Paris and 250 at Kew, to 1100 acres at Buitenzorg. The university gardens are used for instruction and for biological experiments; the government gardens for experiment and the cultivation and improvement of plants from all parts of the world. The larger gardens generally are planted as parks, and give free access to the public.

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In the United States the establishment of gardens came relatively late. There were some attempts in the 18th century, but the oldest surviving garden is that of Harvard University, begun in 1805. During the last quarter of the 19th century nine gardens were established in the United States, seven of them in connection with educational institutions. As far as I can find, the garden at the Michigan Agricultural College, begun in 1877 under the direction of Professor Beal, is the second oldest garden in the country. Besides the two mentioned, there are now in this country the U. S. Government Garden at Washington, the Arnold Arboretum of Harvard University, the St. Louis garden, the Smith College garden, the Buffalo garden, the Pennsylvania University garden, the California University garden, and the New York garden.

The relative smallness in numbers of the American university gardens compared with those in Europe is to be explained largely by the differences in environment. The American universities in many places have been able to substitute the unimproved land in their vicinity for the teaching gardens of Europe. As, however, the land in this country becomes more and more occupied, the universities and colleges feel more and more the need of gardens where they may be certain of opportunity for teaching, study, and investigation. In answer to this need, within the past three or four years many botanic gardens have been started in connection with educational institutions in this country.

Our own university has come into possession of a tract of land that with proper attention may be developed into a garden meeting all the requirements of such an area. As is now pretty well known, this tract of land has been deeded by Dr. Walter H. Nichols, '91, and Mrs. Esther B. C. Nichols, '94, It comprises about 30 acres, and adjoins Forest Hill Cemetery on the east, having a frontage of about 15 rods on Geddes Avenue. This land is separated from the Huron River by an approximately equal area owned by the City of Ann Arbor. By an agreement entered into by the Regents of the University and the Council of the City of Ann Arbor, the two pieces of land mentioned are to be developed as one, thus ensuring a garden and park of at least 60 acres. This area will not make one of the largest of the gardens of the world, but it will make one one of the large gardens of the world. It will be the same size as the St. Louis and Edinburgh gardens, nearly as large as the Paris garden, but much smaller than the New York garden, the Arnold Arboretum, the Kew gardens, and the Buitenzorg garden, each of which has over 200 acres of land, the last 1100 acres.

The botanical gardens of the present day are put to one or more of four uses: (1) teaching, in which students are instructed in the various orders and functions of plants; (2) scientific, in which genetic relationship is studied and experimental work is carried on; (3) economic, in which collections of medicinal and economic plants are made, and the effect of horticulture and agriculture is shown, and (4) esthetic and popularly educational, in which landscape effects are introduced and special provision is made to make the plantings, the drives, and walks of interest and value to the public. The garden which is to be developed here, being given, so far as the University holdings are concerned, for the use of the University and the City schools, there is no question that the first three uses enumerated above must be provided for; and since the combined tract is owned partly by the City, there must be provision made for the public. The gar-

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den, therefore, must be developed for both scientific and popular uses.

Those who from observation from Geddes Avenue or from Huddy Hill know the tract in question need not be told of its suitability for park and garden nor of the beauty of its topography. Not only is its surface varied and picturesque, but its soil runs from the stiffest clay on the south to the lightest sand on the north and the bog land near the river. With the least possible expenditure, these grounds can be made to support all kinds of vegetation, growing in this climate, from the dune plants of the sand hills along Lake Michigan, to the rank growth of bottomlands of the north temperate zone, and the water plants of lake and river.

The making of a permanent park or botanic garden is necessarily slow. When one is building for a century he must start on a secure foundation. Dr. Sargent, Director of the greatest tree-garden in the world—the Arnold Arboretum—told me recently that the Arnold Arboretum did not begin planting for four years after their grounds were secured, and even then the planting was premature. In planning the garden we must first learn of its possibilities. We must have maps and must locate drives and walks. We must know the location, size, elevation, drainage, and soil of each unit of area. When we have learned the physical character of the tract, we must determine by a careful census the thousands of plants which may be introduced, and the sources from which they may be obtained. Next the method of arrangement of these plants, shrubs and trees must be decided. They may be arranged, as in most gardens, according to systematic position; or they may be arranged in geographical groups, as in the Prussian garden near Berlin, North American plants by themselves, Japanese plants by themselves, and so forth; they may be divided into biological groups, desert plants in one group, heath plants in another, climbing plants in another, and so on; or these various arrangements may, if space will permit, all be used. Whatever arrangement is adopted in planting it is pretty certain, by common consent, that the trees will be so arranged as not to shut out the beautiful vistas now seen, and that the wooded ravines will preserve the most of their present growth.

As a beginning, the new garden and park has already been mapped and the main drives located by one of the best landscape gardeners in the United States. The surface is now being permanently divided into areas 100 by 200 feet, and the soil of each area will be analyzed during the coming winter. As soon as possible a map will be made of each of these areas, and on these maps the plants at present growing will be located, and future plantings indicated. A small area has been plowed, and this is being planted to seeds of such shrubs and trees as cannot be well propagated in any other way. Such seeds have already come from the Arnold Arboretum, the Kew gardens and several collectors in various parts of the United States. Plans may not be well enough matured to allow much permanent planting of trees and shrubs next year, but the nursery can be stocked in readiness for rapid planting, when planting time comes.

As already stated, the City has engaged itself to build drives and walks through the park and garden. As if to show its zeal in the work, the City, through its Park Commissioner, is already constructing the main driveway, so that by the middle of December one may drive from Geddes Ave. to the Huron River over the newly graded way.

Ann Arbor has long been known for its educational advantages; for

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several years it has been developing as a musical center; but City and University have only begun to improve and make accessible the natural scenery of their surroundings. When the Huron River shall have been converted into a lake affording miles of boating, and the parks and gardens have begun to express the features of their plan, then Ann Arbor will be sought not only for present excellences but for the recreative, esthetic and educational advantages brought by water, by beautiful landscape, and by living collections from water, field and forest. With such features, we may expect not only more students, but more residents; and visitors from other municipalities will come to light their torches from the one that we have kindled.

FREDERICK C. NEWCOMBE.

FACULTY CHANGES

The present season has seen a larger number of changes than usual in the University Senate, owing to the death last spring of Professors Pattengill, dePont, and Russell, and the resignation of Professors Hempl and McLaughlin, as well as the absence on leave of Professors Adams and Scott.

To the chair of geology, made vacant by the death of Professor Israel C. Russell, William Herbert Hobbs has been appointed. Professor Hobbs has had a wide experience in geological work and has been a voluminous writer upon his chosen subject. He was born in Worcester, Mass., July 2, 1864, and comes from a long line of distinguished New England ancestry. He prepared for college at Worcester Academy, and in 1883 he was graduated from the Worcester Polytechnic Institute with the degree of Bachelor of Science. From 1883 to 1884 he was principal of the Boylston High School. The following four years he took graduate work at Johns Hopkins University, and at Harvard University. In 1888 he received the degree of Doctor of Philosophy from Johns Hopkins University and the following year he spent traveling in Europe and in study at the University of Heidelberg. In 1889 he became a member of the faculty of the University of Wisconsin, becoming Professor in Mineralogy and Petrology in 1899. He was also commissioned assistant United States geologist in 1895. His geological investigations have been largely in the region of Southwestern New England, in preparation of a geological map of that complex area. He was secretary of the Wisconsin Academy of Science, Arts and Letters from 1891 to 1893, and secretary of a section of the American Association for the Advancement of Science from 1893 to 1894. He was delegate of the United States government to the Seventh International Congress of Geologists at St. Petersburg in 1897. He has also been editor in chief of the 'Bulletin of the University of Wisconsin' since it was started in 1894. He is a member of the Johns Hopkins Chapter of Phi Beta Kappa. Professor Hobbs spent the academic year of 1905 in Europe, studying the great Calabrium earthquake Sept. 8, 1905. He received his appointment as Professor of Geology, Aug. 6, 1906.

Professor Hobbs is the editor of volumes VIII and IX 'Transactions of the Wisconsin Academy of Science,' Arts and Letters; Volumes I and II, 'The Bulletin of the University of Wisconsin.' Science Series; "Mineralogical Notes" in "The Amer-

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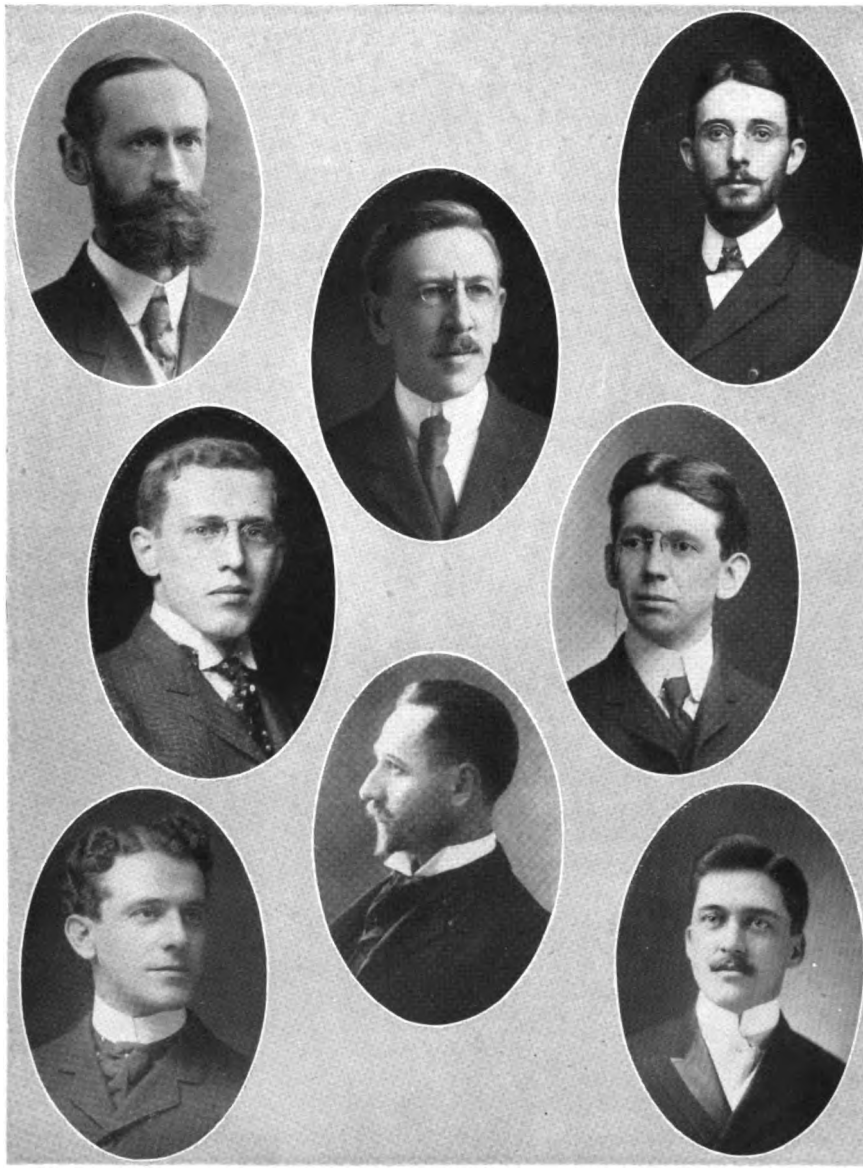

NEW MEMBERS OF THE UNIVERSITY SENATE

WILLIAM HERBERT HOBBS
FREDERIC LOGAN PAXSON
MORRIS PALMER TILLEY

ARTHUR FAIRBANKS
ANDRE BEZIAT DE BORDES

EMIL LORCH
IRVING KING
JAMES ELBERT CUTLER

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ican Naturalist," 1894-95; and the year book of the Madison Literary Club, 1901-0'; and also the departments of dynamical geology and petrology in the 'New International Cyclopaedia.' He has written many articles on geology and related scientific subjects in most of the geological journals of the day, such as the 'Bulletin of the Geological Society of America,' 'Science,' 'Journal of Geology,' 'American Journal of Science,' 'Popular Science Monthly,' and 'Bulletin of the United States Geological Survey.' He has published many articles in German and French scientific papers, and also of a general or literary character in 'Outing,' 'The Forum,' 'Transactions of the Wisconsin Academy' of Science, and the 'Aegis' of the University of Wisconsin. He also published a series of articles in the 'Navy League Journal' regarding navol questions arising out of the late war between Japan and China.

Professor Hobbs was married June 23, 1896 to Miss Sarah Kimball Sale of Green Bay, Wis. They have one daughter, Winifred Sarah Weston.

Arthur Fairbanks, Ph.D., has been appointed to the chair of Greek left vacant at the death of Professor Albert H. Pattengill. He was born Nov. 13, 1864, and was graduated from Dartmouth College in 1886. He attended Union Theological Seminary and the Yale Divinity School from 1887 to 1889, and studied abroad the following year, receiving his Ph.D. from the University of Freiburg in 1890. On his return to this country he was ordained to the Congregational ministry in 1891. Although he preached occasionally, the next few years were spent in the main as instructor, in turn at Dartmouth, and Yale, and Cornell Universities, after which he went to Athens as Fellow at the American School, 1898-99. On his return to this country he received his appointment as Professor of Greek in the Iowa State University, which position he held from 1900 to 1906, and left to take up his new work at Michigan. He has also been managing editor of the "Classical Journal" of Chicago. Professor Fairbanks has contributed many articles to various archaeological and philological magazines, besides publishing the following works: Translation of Rield's "Science and Metaphysics," London, 1894; "An Introduction to Sociology," London, 1896, with a third edition published in New York in 1901, and a Japanese translation published in 1901; "First Philosophers of Greece," 1898; "The Greek Paean," 'Cornell Studies XII,' 1900. He also has in press a volume on Greek Mythology to be published by D. Appleton & Co.; and a volume on the Athenian White Lekythoi. Professor Fairbanks was married in 1889 to Miss Elizabeth L. Moody, Hanover, N. H.

André Béziat de Bordes, who takes the place left vacant by the death of Assistant Professor Paul R. dePont, was born at Orthez Basses Pyrénées, France, Dec. 30, 1870. His early education was received at the College de Rével, France, the Lycée de Montauban and the Ecole d'Artillerie, Castres, France. He was Professor of the French Language and Literature, Peninsular College of Gracia, Barcelona, Spain, for the year 1891-92. He then came to this country and in 1895 he became Assistant in Modern Languages, Wesleyan College, Macon, Ga., a position which he held until 1896 when he became Professor of Modern Languages. In 1899 he was called to the Professorship of Romance Languages, Kalamazoo College, which he held for one year. He then became Lecturer in the Romance Languages and Literatures, Columbia University, for 1900-1901; coming to the University of Michigan as instructor in French, 1902. The next

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year he became Professor of Romance Languages and Literatures, West Virginia University, a position which he held for three years. Professor Béziat was an Honorary Fellow, University of Chicago, 1898-99; Ph.D., University of Chicago, 1899; and studied at the University of Paris, France (Sorbonne, Ecole des Chartes, Ecole des Hautes Etudes) in the year 1901-1902. He has been a delegate of the Alliance Française; is a member of the Modern Language Association; of the School of Félibres; and of the Association Phonétique Internationale. He has also been a lecturer for the Alliance Française, 1905-06. He has written a French Grammar, "The Elements of French;" as well as articles for 'Le Temps,' 'Le Signal,' 'Lectures Pour Tous,' Paris, France; and a few stories and articles published in various magazines and newspapers.

The resignation of Professor Andrew C. McLaughlin necessitated various changes in the department of United States History. Professor Van Tyne was given a full professorship, and Professor Frederic Logan Paxson, Ph.D., was called from the University of Colorado, as Assistant Professor of History. Professor Paxson was born at Philadelphia in 1877, and prepared at the Friends Central School, Philadelphia. He then entered the University of Pennsylvania, receiving the degree of B.S. in 1898. He took his Master's degree from Harvard in 1902 and the following year while Harrison Fellow in American history received his Doctorate from the University of Pennsylvania. He then went to Boulder, Colo., as Assistant Professor of History at the University of Colorado, and in 1904, he became Professor of History, which position he left to take up his work at Michigan. Professor Paxson is a member of the American Historical Association, the Historical Society of Pennsylvania, Friends Historical Society of London, and Phi Beta Kappa. He has written a volume on "The Independence of the South American Republics, a Study in Recognition and Foreign Policy," Philadelphia, 1903. He has also published an article on "Ther Territory of Colorado," in the 'American Historical Review,' October, 1906; as well as various papers on American diplomacy, and the History of Colorado, in 'The University of Colorado Studies,' the 'Quarterly of the Texas State Historical Association,' etc.

Emil Lorch, the head of the new Department of Architecture, spent his early years in Detroit. For two years he was in an architect's office in that city and afterwards pursued studies in the Massachusetts Institute of Technology and in Harvard University, where he took his Master's degree. He then followed lecture courses in Ecole des Beaux Arts in Paris. Subsequently he engaged in professional architectural work for about five years, a part of the time in Boston offices. His teaching experience consists of five years' work, first as assistant in architecture at Harvard, and then as Assistant Professor of Architecture at Drexel Institute at Philadelphia. He was President of the Detroit Architectural Club for three years, first vice-president of the Chicago Architectural Club for one year, and corresponding secretary of the American Architectural League for one year. He was also Chairman of the Committee on Education of the latter organization. He is also a member of the American Art Association of Paris. Professor Lorch was a delegate to the First International Congress of Public Architects held at Brussels, in August, 1898. He is also an honorary member of the American Institute of Architects.

Morris Palmer Tilley, who becomes Assistant Professor of English,

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taking part of the work left open by the resignation of Professor George Hempl, was born in Berkley, Va., Feb. 7, 1876. He prepared for college at Norfolk Academy at Norfolk, Va., and entered the University of Virginia in 1894, receiving the degree of B.A. in 1897. The year 1897-98 he was teacher of English and German at the Norfolk Academy, and the following year he pursued graduate work in English and German in the University of Virginia and was assistant in the English department. The semester 1899-00 he spent at Göttingen, where he studied English philology and German. From 1900 to 1902 he was a student at the University of Leipsic, receiving his Doctor's degree from that University in 1902. The year 1902-03 he was instructor in German in the University of Syracuse and the following summer was spent in further study in Germany. Returning in 1903, he spent the following three years at Syracuse, becoming Associate Professor in English in 1905. In the summer of 1906 he studied at the University of Kiel, Germany. Mr. Tilley is a member of the Modern Language Association and the Neu Philologer Verein. In June, 1906, he was married to Miss Mabel Louise Cook of Syracuse, N. Y.

Irving King, who has just been appointed Assistant Professor of Education and Inspector of Schools, was born at Richmond, Ind., in 1874. In the early part of his life he taught in a country school, later entering the preparatory department of Earlham College at Richmond, Ind., from which institution he also received the degree of A.B. in 1896. Since leaving college he has held the position of principal of various high schools in Kansas and Indiana. In 1900 he entered the department of philosophy at the University of Chicago, working in the subjects of philosophy, psychology and education, holding a fellowship in philosophy from 1901 to 1903. He received the degree of Ph.D. from Chicago in 1904. At the same time he was superintendent of the practice school at the Louisiana State Normal School in 1901, and later head of the department of psychology and pedagogy in the Wisconsin State Normal School. From 1903 to 1906 he was instructor in education at the Pratt Institute at Brooklyn. He is the author of "Psychology of Child Development" and a Monograph in the 'Psychological Review' on the 'Development of the Religious Consciousness in Primitive Peoples. He is also cooperating editor of the 'Psychological Bulletin' and 'The School Review.'

The absence of leave granted Professor Henry C. Adams made necessary the temporary appointment of some one to take his place in the Department of Economics. James Elbert Cutler, Ph.D., has been appointed to that place. He was born at Princeville, Peoria County, Ill., Jan. 24, 1876, and graduated with honors from the Princeville High School in 1894. He completed his preparation for college at Boulder, Colo., where he was graduated from the State University in September, 1900. The same year he entered the graduate School at Yale, where he held a scholarship for two years and a fellowship the third year, receiving in 1903 the degree of Ph.D. In 1903-04 he was instructor in political economy at Yale and the next two years instructor in economics at Wellesley College. At the same time in co-operation with Mr. Robert A. Woods and Mr. Meyer Bloomfield he carried on, through his classes a careful sociological study of the conditions in Boston, and at the same time made a study of the methods and the work of social settlements, and also a study of the work of penal reformatory institutions. He published a book on 'Lynch Law, an In-

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vestigation in the History of Lynching in the United States,' in 1905, as well as various papers in the 'American Anthropologist' and the 'Yale Review.' He is a member of the American Economic Association, The American Academy of Psychological Science, and the American Sociological Society.

Benjamin Franklin Bailey, who has just become Assistant Professor of Electrical Engineering in the University, was born at Sheridan, Mich., in 1875. He received his preliminary education in the Detroit school and was graduated from the Detroit High School in 1894. The same year he entered the Engineering Department of the University of Michigan from which he was graduated in 1898. He then took advanced work, and in 1900 received the degree of A.M. from the Literary Department. After leaving college he spent about six months with the Edison Illuminating Company of Detroit, Mich., and about the same time with the General Electric Company at Schenectady, N. Y. In 1899 he returned to the University as instructor in electro therapeutics. Since 1901 he has been instructor in electrical engineering. He has been interested in X-Ray work and has published two articles in the 'American X-Ray Journal.' He has also published articles on various topics connected with his profession in different electrical journals. He is a member of Sigma Xi.

Ewald A. Boucke, who has just become Assistant Professor of German, was born at Bremerhaven, Germany, in 1871. He was graduated from the Gymnasium of Bremerhaven in 1890 and for the next few years studied philology literature and philosophy at Jena, Breslau, and Freiburg, where he took the degree of Ph.D. in 1894. After leaving college he became editor of a scientific weekly, a magazine similar to the 'American Review of Reviews,' in Munich. He came to the United States in 1896 and immediately became engaged in literary studies in New York City, coming to the University in 1898 where he was appointed instructor in German by Professor George A. Hench. He has written a book on "Goethe's Language," and various articles and reviews. He has another book on "Goethe's Philosophy" in the press. He is a member of the Modern Language Association of America and the Research Club of the University.

William Henry Butts, who is now Assistant Professor of Mathematics, was born in Harmony, Chautauqua County, N. Y. He is a graduate of the State Normal School, Fredonia, N. Y., scientific, 1872, classical, 1874. After one year's experience in teaching he entered the University of Michigan and was graduated with the degree of A.B. in 1878, and of A.M. in 1879. From 1879 to 1897 he was Professor of Mathematics at the Michigan Military Academy, Orchard Lake, Mich., and Principal from 1882 to 1897. The year 1897-98 was spent in mathematical study, largely at the Sorbonne in Paris. Upon his return to this country he became instructor in mathematics at the University. He spent the year 1905-06 studying mathematics at Zurich in Switzerland, from which he returned to the University this present fall as Assistant Professor of Mathematics. He has been a member of the American Mathematical Society, President of the Michigan Schoolmasters' Club, and a Vice-President of the North Central Association of Colleges and Secondary Schools.

Calvin Olin Davis, who has just become Assistant Professor of Education and Inspector of Schools, was born at Macomb, Mich., Feb. 5, 1871. He was graduated from the Utica, Mich. High School in 1890, and after teaching one year, entered the University of Michigan from which he

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was graduated with the degree of A. B. in 1895. Immediately upon graduation he became teacher of mathematics in the South Bend, Ind. High School, where he a little later became head of the department of history, and assistant principal. He became principal of the high school early in 1905. Mr. Davis received the degree of A. M. from the University in 1904. He is a member of the American Historical Society. In 1904 he was married to Miss Winnifred Mack of South Bend, Ind.

Frederick Levy Dunlap, who is now Assistant Proefssor of Chemistry, was born at Chillicothe, Ohio, May 16, 1870. He was graduated from the Chillicothe High School in 1890, and two years later entered the University of Michigan, receiving the degree of B.S. in 1892. The years from 1892 to 1905 were spent at Harvard University, where he was also teacher in the summer school. He received the degree of Sc.D. from Harvard in 1895. He then spent one year as fellow at Yale, before becoming instructor in industrial chemistry at Worcester Polytechnical Institute, a position which he held from 1895 to 1900. Since that time he has been instructor in organic chemistry at the University of Michigan. He has contributed many articles upon fats, oils and waxes in the 'American Chemical Journal.' He is also editor of Professor H. Erdman's 'Introduction to Chemical Preparations,' authorized translation from the second German edition. He is a member of the honorary scientific society of Sigma Xi.

James Barklay Pollock, who becomes this fall Assistant Professor of Botany, was born at Orangeville, Stephenson Co., Ill., Nov. 10, 1863. In 1886 he entered the Illinois State Normal University at Normal, Ill., and was graduated in 1891, receiving both a normal and a high school diploma. The same year he entered the University of Wisconsin from which he took the degree of B.S. in 1893. The year 1893-94 was spent in graduate work in botany and chemistry, and the following year he was teacher of biology in the high school at Austin, Ill. He came to the University of Michigan in Sept., 1895, as laboratory assistant in botany, and also registered as a student in the Graduate School. In 1896 he received the degree of M.S. from the University of Wisconsin and in 1897 the degree of Sc.D. from the University of Michigan. The year 1897-98 was spent at the University of Leipsic in Germany, pursuing work in his chosen subjects. Since 1898 he has been instructor in botany in the University. He was married June 24, 1902 to Ida B. Allen. He has one child, Florence Allen. Professor Pollock has written various articles upon botanical subjects, many of which are published in the reprints of the Michigan Academy of Science. He has been secretary of the Michigan Academy of Science and he is at present its president. He is also a member of the Society for Plant Morphology and Physiology, which is now merged with the Botanical Society of America.

Harrison McAllister Randall, who becomes Assistant Professor of Physics, was born at Burr Oak, Mich., Dec. 17, 1870. He received his early education in the public schools of Ann Arbor and in the Ann Arbor High School, and was graduated from the University with the degree of Ph.B. in 1893. The following year he spent as a graduate student, receiving the degree of Ph.M. He then taught for a year in the West Bay City, and in the Saginaw (E. S.) High Schools from 1895 to 1899. He returned to the University as a graduate student in 1899, becoming instructor in physics in 1900. He has published various accounts of researches in the expansions of quartz and nickel, pub-

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lished in the 'Physical Review.' He was married Aug. 24, 1898, to Ida M. Muma, '93.

Joseph Morris Thomas becomes Acting Assistant Professor of Rhetoric to take the place of Professor Fred N. Scott, who is abroad for the present year on leave of absence. Mr. Thomas was born at Saugatuck, Mich., Nov. 15, 1876. He was educated at the public schools at Douglas, Mich., South Division High School of Chicago, and the University of Michigan, from which he was graduated in 1898. He was a member of the University Track Team for three years and captain in his senior year. Upon graduation he taught in the Ironwood, Mich., High School from 1898 to 1899, and was principal of the Manistee High School from 1899 to 1900. The following year was spent as representative of Allyn & Bacon, publishers of high school text books, in Michigan and Northern Ohio. In 1901 he came to the University as instructor in the department of Rhetoric. During the same time he was enrolled in the Graduate School, taking the degree of A.M. in 1903. He is the author of scattering magazine articles and lectures before various teachers' associations in Michigan and Indiana. He is a member of Quadrangle.

Charles Joseph Tilden, who becomes Assistant Professor of Civil Engineering in the University of Michigan, was born at Brookline,, Mass., Oct. 3, 1873. He was educated at Milton Academy at Milton, Mass., and at Harvard University, receiving the degree of Bachelor of Science in Civil Engineering from the Lawrence Scientific School in Harvard University in June, 1896. The following year he was assistant in mechanical drawing for the Lawrence Scientific School. The next three years were spent as draftsman for the Keystone Bridge Works, Boston Bridge Works, and in the office of J. R. Worcester, Consulting Engineer, of Boston. From 1901 to 1903 he was assistant engineer of the Rapid Transit Railroad Commission of New York City. From 1903-05 he was instructor in civil engineering in Cornell University, coming to the University of Michigan in February, 1905, as instructor in civil engineering. He has written various articles upon civil engineering in technical journals. He is an associate member of the American Society of Civil Engineers.

Howard B. Merrick has also been advanced from an instructorship to the position of Assistant Professor of Surveying.

In addition to these promotions into the Senate, there have been a number of changes in the rank of various men within the Senate itself. Junior Professor Joseph H. Drake has been made Professor of Latin, Roman Law, and Jurisprudence, and Professor of Roman Law and Jurisprudence in the Law Department. Assistant Professors John R. Rood and Edson R. Sunderland have been made Professors of Law. Assistant Professor Louis A. Strauss, Ph.D., has been made Junior Professor of English. Assistant Professor Tobias Diekhoff, Ph.D., has been made Junior Professor of German. Assistant Professor John R. Effinger, Ph.D., has been made Junior Professor of French. Assistant Professor Edward H. Kraus, Ph.D., has been made Junior Professor of Mineralogy. Assistant Professor Alviso B. Stevens, Ph.D., has been made Junior Professor of Pharmacy. Assistant Professor Henry C. Anderson has been made Junior Professor of Mechanical Engineering.

James P. Bird has also been made secretary of the Engineering Faculty for the coming year, and John W. Bradshaw has been continued in the position of Registrar of the Universi-

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ty. Professor Henry C. Adams is absent on leave for the year in order that he may devote his full time to the work which he has undertaken for the Inter-State Commerce Commission. Professor Fred N. Scott and Dr. William J. Herdman are also abroad on a year's leave of absence.

ALUMNAE STATISTICS OF THE PROFESSIONAL SCHOOL

Following the plan adopted in dealing with the literary graduates (See ALUMNUS for Feb., 1905) this article will record only the graduates of classes prior to and including '01. In the General Catalogue the occupation of the alumni and alumnae is not generally reported, so, thinking it most desirable to have information on this point, I sent out a large number of postal cards with paid reply. Some of the cards came back bearing the desired information, others failed to reach the addressees, who must therefore be put on the list of unknowns. The majority have not reappeared at all, leaving me no wiser than before about the women to whom they were addressed. The result is that the statistics must be given with many qualifying phrases "At least," "Known to be" etc. The results of the investigation are as follows.

In the department of Medicine and Surgery 383 women graduated. Of these 56 are known to be dead. This seems to indicate that the mortality of the medical graduates is about the same as that of the average woman, only one-third as good as that of the graduates of the literary department. The number known to have married is 142 or nearly 39 percent as compared with 50 per cent in the academic courses. Of the married 18 are known to be dead and 30 practicing, (four of these widows) four are housekeeping, and the occupation of the rest is unknown, with a strong presumption in favor of housekeeping as their profession. Of the single, 100 are practicing, three have retired, after years of practice, one reports housekeeping and microscopical analysis, two are clerks, one convalescing, and one has no occupation. From 128 no report was received and in this case the presumption would be in favor of medical practice.

The places of residence are recorded in the table below. Before taking the medical course 36 had academic degrees, 21 A. B., 4 B. L., 7 B. S., 4 Ph. B., and 5 A. M. Of the bachelors degrees 11 were from Michigan, 7 from Vassar, 2 each from Wellesley, Oberlin and Albion, and one each from Smith, Knox, Rockford, Lawrence University, Bucknell, Indiana, Kalamazoo, Washburn, North Western, Ripon, Ohio Wesleyan, and Wooster. The master's degrees were one from each of the following institutions: Vassar, Bucknell, Lawrence, Ohio Wesleyan, and Alfred.

One student had previously taken the degree of Ph. C. from Michigan and another had an M. D. from New York Medical College.

Simultaneously with graduation one took Ph. C. and another A. M. at Michigan, and subsequently to graduation two took B. S. one at Michigan and one at the University of Pennsylvania, and one took M. D. at New York University, and two took D. D. S. one at Michigan and one at Northwestern University.

A comparison of decades shows 116 for the first, 149 for the second, and 118 for the third. The falling off seems to be general in this department

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and in other medical schools, and not confined to the women.

In the Homœopathic School 84 women were graduated. Fourteen have died, a number slightly smaller than the average. At least forty have married or nearly 48 per cent. Of the married ten have died, ten (including one widow) are practising medicine, one is raising fruit and one reports a literary career. Of the single four have died, 14 are known to be practicing.

Before taking the homœopathic course at Michigan one had A. B. from Bucknell, one B. L. from Delaware College, one M. D. from Chicago Hahnemann, one M. D. from the Woman's Medical College of Baltimore, and subsequent to the course one had taken M. D. from the Chicago Hahnemann.

In the school of Dentistry 38 women have been awarded degrees. Two are reported dead and at least 19 have married. Of the married four have remunerative work, three are practicing dentistry and one is engaged in literary work. Of thesed four two are widows. Of the single at least five are practicing dentistry, two are teaching.

Before taking the dental course one had B. S. from the University of North Dakota and after graduating two took the degree of Doctor of medicine, one from Northwestern and one from Colorado University.

In the Department of Pharmacy 36 have been graduated, three are known to be dead, 14 have married. Of the married one is State Auditor, one teaching, and one a druggist. Of the single four are chemists, two physicians, one a dentist, one a stenographer, one a student, one a druggist and M. D. at the Chicago Hahnemann.

Before entering this department one woman had an A. B. from Wellesley and one A. B. and A. M. from La Grange. Subsequent to taking this course one took D. D. S. at Michigan and one M. D. at Michigan and one M. D. at the Chicago Hahn.

The Law graduates number 42 of whom three are known to have died. Marriages are reported to the number of eight and of the married one is practicing Christian Science and one is a State Representative. Of the single three are teaching, two practicing law, one engaged in literary work and one has a court position.

Prior to taking the law course three had the A. B. degree from Michigan and one from Vassar, one took L. L. B. from Michigan and A. M. from Vassar the same year and after graduating in law three took L. L. M. at Michigan and one L. L. B. at Lake Forest.

The residence of the living graduates is shown by the accompanying table. From a few of the married reports were received of the number of their children. A table presents the facts ascertained.

As was remarked above, the response to the cards sent out was not very general and few conclusions can safely be drawn from the statistics given. It may be assumed, however, that the number both of deaths and of marriages is larger than as reported. If those married all do as well in raising families as those who reported the average family consists of two children, though few are childless and as may as seven are reported in one case. The Pharmics make a little the best record in this respect. Most of the cards seem to have been delivered since few came back, so the residences are nearly correct.

	Known to be Married	Number Reported	Children Reported	Childless	Totals
Medicine & Surgery...	142	26	46	6	383
Homœopathic	40	14	26	3	84
Dentistry	19	9	13	3	38
Pharmacy	14	8	18	0	36
Law	8	no	reports		41

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THE SITE OF THE FUTURE UNION CLUB HOUSE

JUDGE COOLEY'S OLD HOME ON STATE STREET, PURCHASED BY THE UNION

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PLACE OF RESIDENCE	Literary	Medical	Homœop.	Dental	Pharmacy	Law
Michigan	120	70	16	7	17	10
New York ...	55	45	5		2	3
Illinois	37	23	5	4	1	4
Ohio	27	18	4	4		1
Massachusetts	24	18	1		2	3
California ...	20	16	3	1		
Pennsylvania	19	11	6		1	1
Minnesota ...	15	8	3	2	1	1
Indiana	14	11	2			1
Colorado	10	7	1	1	1	
Iowa	10	7	1	1	1	
Nebraska	9	6			2	1
Washington ..	9	6	1		1	1
Wisconsin ...	6	3	1	2		
Missouri	8	1				1
Kansas	7	2	2	1		2
N. Dakota ..	6	4	1	1		
Texas	5	2	1	2		
Kentucky	4	3			1	
Utah	4	2	1			1

PLACE OF RESIDENCE	Literary	Medical	Homœop.	Dental	Pharmacy	Law
District of Columbia ..	3	1		2		
Connecticut ..	2	1		1		
N. Carolina ..	2	2				
New Jersey ..	2	2				
Montana	2	1	1			
Florida	2	1	1			

Besides these Idaho, S. Dakota, Oklahoma, Virginia, Wyoming, Rhode Island, Tennessee, Maine, Vermont, N. Hampshire, Oregon, Delaware, Georgia and S. Carolina have each one representative of the Michigan professional Alumnae; and of foreign countries China has 7, India 3, Germany 4, England, Manitoba, Canada, and Hawaii each 2, and Japan, Korea, Burma, India, Turkey, Arabia, Australia, Africa, and Uruguay each one.

HELEN LOVELL MILLION, '87.

News

ATHLETICS

PENNSYLVANIA 17; MICHIGAN 0

Michigan was defeated by Pennsylvania 17 to 0, on Franklin Field, Philadelphia, November 17, in the final game of Michigan's short season. For the first time in five years Michigan was beaten by a touchdown,—not one but three. The game however was characterized as one of the cleanest and gamest exhibitions of football that has been seen on Franklin Field for a long time, so Michigan has the consolation of having proved a worthy representative of Western athletics, in that regard.

Curtis' loss proved most serious, and was especially felt when Pennsylvania was within the 20-yard line. If he had played at defensive quarter as expected, he would have been able to stop many big and consistent gains through center and right guard, and would have been a tower of strength in Michigan's weak line.

Garrel's work was good especially when the heavy field, which favored the opponents, and the failure of the Michigan line to afford him adequate protection are considered. A lack of interference was the great cause of his failure to do the spectacular work expected of him; three or four of the Pennsylvania men were upon him almost every time, before he was well under way. He also had but a shade the advantage of Hollenbeck in punting,—a difference that was more than overbalanced by the weakness of Michigan's crippled line.

The Pennsylvania team proved a surprise, although Coach Yost had expressed a wholesome respect for the Easterners' work after he saw the game with La Fayette a week earlier. He came home impressed with the idea that Michigan had a harder proposition to meet than she had had for many years. The loss of Captain Curtis made necessary a revolution at the last minute in the line-up and prevented further practice on a large number of special plays which had been devised especially

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for this game. The score would undoubtedly have been smaller with Curtis in the game.

None of the players on the Michigan team seemed up to standard, although it is quite possible that the perfection of Pennsylvania's team work tended to make them show at a disadvantage. Bishop played a hard game but was not able to handle the ball with his accustomed brilliancy, nor did he run back punts as well as usual.

Pennsylvania's strength lay in the perfection of her team work, which gave such stars as Greene, Hollenbeck and Zeigler ample opportunity for exceptional football. Not only was Pennsylvania strong in taking advantage of the opportunities offered by the new rules, but the team excelled also in straight football, as Michigan learned to her cost. The attack was fully up to that of Vanderbilt, and Curtis was not there to turn it back. Michigan was also disappointed, in that Lawrence, the great quarterback, who was expected to be rather weak at quarter, showed himself thoroughly capable of running off the plays and handling the ball.

Both Scarlett and Levine were stars for Pennsylvania on defensive work, stopping all of Michigan's trick plays, while Folwell and Greene seldom failed to gain as plunging halfbacks. Hollenbeck with his punting, line-plunging, and handling of punts was the star of the game. Magoffin played a good game for Michigan but his work was all but unappreciated since he was always well guarded by Pennsylvania's men. They invariably prevented forward passes from Garrels, and the latter was usually thrown for a loss.

The best of spirit prevailed between the two teams, and between the adherents of the two colleges, both cheering one another before and after the game. Only once was there a suggestion of rough play by Michigan in the second half when Hollenbeck, tackled by Magoffin, made a vicious punch at him. This was returned by Newton, who was at hand and saw the action. In the first half, Gaston was ruled out for "slugging" Garrels, so that time had to be taken out for the dazed Michigan fullback. Pennsylvania was also penalized 30 yards for the foul.

A large number of alumni were present at the game, as well as over 100 students who had taken the trip, although no rates were granted. The scrubs and band were also there, sent by popular subscription of those behind at Ann Arbor.

Although the game was called for two o'clock it was later when the Michigan team came on the field, and over a half an hour before the Pennsylvania men appeared. This delay may have been responsible for the nervousness shown in the first part of the game by Michigan, which resulted directly in the first touchdown through Bishop and Magoffin's fumbles.

The cause for the delay was a discussion over an interpretation of the rules. Coach Yost objected to the using of Zeigler and Draper to carry the ball from their places in the line. He insisted that they should go back five yards from the line of scrimmage. This was not satisfactory to Pennsylvania however, and Michigan finally yielded the point. Yost's contention has since been upheld by Walter Camp, however.

Michigan excelled in the punting department alone; Garrels punted fifteen times for 660 yards, average of 44, while Hollenbeck kicked thirteen times for 550 yards, or a little less than 43 yards on an average. Michigan held Pennsylvania for down three times, although Michigan on third down invariably preferred to kick. Pennsylvania lost 55 yards by penalties; Michigan 20. Michigan fumbled four times, Pennsylvania but once.

In the first half Penn gained 102 yards from scrimmages and Michigan 26. In the second the figures were 147 to 30. The total for the game was: Penn, 249; Michigan, 56.

The game in detail was as follows:

Pennsylvania won the toss, but gave the wind. Hollenbeck kicked off to Hammond who fumbled on Michigan's 15 yard line. Bishop made 4 yards but the ball was called back and Pennsylvania was penalized 15 yards for offside.

Pennsylvania then made 6 yards on two downs and kicked. Garrels returned with a 50 yard punt to Lawrence who returned it 10 yards. Hollenbeck kicked to Michigan's 50 yard line. Two fumbles by Michigan and Pennsylvania gave Michigan the ball on her opponent's 30 yard line. A field goal was blocked but Graham got the ball, 7 yards nearer the goal. Greene downed Garrels on a fake kick. A quarter-back kick proved unsuccessful, and Greene kicked to mid-field. Michigan gained slightly, then Garrels kicked to Lawrence, who came back 15 yards. Greene kicked to Magoffin. Garrels attempted to run again, but was stopped by Lavine. Garrels kicked, and was slugged by Gaston, who was taken out. Lavery took his place, but Pennsylvania was penalized 30 yards, one-half the distance to the goal posts.

Garrels tried for a goal but failed. Greene kicked to Garrels on Michigan's 45 yard line. Michigan gained on an exchange of punts but was penalized 15 yards for holding. Offside cost Pennsylvania 5 yards.

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Garrels was thrown for a loss on catching a punt, and kicked to Pennsylvania's 20 yard line. The ball came back to Bishop in mid-field.

Garrels was again caught behind the line for a loss and was forced to punt to Pennsylvania's 35 yard line. Folwell made 9 yards, but Pennsylvania punted to Magoffin on Michigan's 30 yard line. Garrels was again thrown back for a loss of 8 yards. Pennsylvania was penalized 15 yards for holding. Magoffin gained 10 yards around end but dropped the ball, which was picked up by Lavery.

Pennsylvania gained 4 yards and 20 on a forward pass. Hollenbeck made 25 yards more. With but 1 yard to go Folwell failed. On second trial he went over for the first touchdown. Hollenbeck kicked goal.

Hollenbeck ran back Garrels' kick-off 30 yards. Pennsylvania then gained 7 yards on a fake kick and 10 on an exchange of punts. Greene and Folwell gained 8 and 7 yards respectively. Michigan gained the ball on her own 30 yard line on a poor forward pass. Michigan gained 10 yards on an exchange of punts, and Garrels booted to Hollenbeck who ran the ball back 25 yards to mid-field. Lawrence ran the ball three yards and 20 more on a fake kick. The half ended with the ball on Michigan's 35 yard line.

Garrels kicked off to Lawrence on the 20 yard line, who brought it back 15 yards. Pennsylvania gained but little, Greene's kick was blocked but Gallagher fell on the ball. An exchange of punts brought Pennsylvania 15 yards. A series of plunges brought the ball to Michigan's 14 yard line where they held their opponents.

Lawrence brought Garrels' kick to mid-field. Then followed a march to the Michigan goal, one of Hollenbeck's fake kicks netting 18 yards. Greene crossed the line and Hollenbeck kicked goal. Score, 12 to 0.

Bishop returned Hollenbeck's kick-off 10 yards. Garrels was tackled for a loss and kicked to Michigan's 45 yard line. Pennsylvania then ran the ball up to the 25 yard mark, where a Pennsylvanian was found holding and Michigan had the ball. Garrels failed to gain and punted to Hollenbeck who returned it 25 yards to Michigan's 30 yard line. Pennsylvania made 8 yards and was held for downs.

An exchange of punts, line bucks and a clever on-side kick brought the ball to Michigan's 15 yard line, and then over for the third touchdown. The punt out was bad and Pennsylvania failed to kick goal.

Garrels kicked off to Greene who brought it back 30 yards. Greene booted to Magoffin on Michigan's 45 yard line. Garrels got away for a 20 yard run around Levine, but Michigan could gain no more. Two exchanges of punts put the ball on Pennsylvania's 50 yard line in Michigan's hands.

Michigan tried a forward pass which failed to work and Levine got away for 25 yards to Michigan's 30 yard line. A series of line bucks brought the ball close to Michigan's goal when Graham got the ball on a fumble. Garrels punted to mid-field, just at the end of the game.

The line-up:

Pennsylvania		Michigan.
Levine	left end	Loell
Draper	left tackle	Eyke
Gallagher	left guard	Davidson
Dwyer	center	Clement
Zeigler	right guard	Graham
Gaston / Lavery	right tackle	Newton
Scarlett	right end	Hammond
Lawrence	quarter	Workman
Folwell	left halfback	Magoffin
Greene	right halfback	Bishop / Rumney
Hollenbeck	fullback	Garrels

Touchdowns—Greene 2, Folwell. Goals from touchdowns — Hollenbeck 2. Referee — Kelly, Princeton. Umpire—Langford, Trinity. Head linesman—Fultz, Brown. Time of halves—30 minutes

CAPTAIN CURTIS BREAKS HIS LEG

While the game, Nov. 10, between the Mchigan team and the Alumni proved little more than a practice game between the University and the Scrubs, it resulted in a great blow to the football team, the breaking of Captain Joe Curtis's leg. The misfortune which has followed the Michigan team throughout the early part of the year seemed to continue, and visions of winning the game at Pennsylvania went glimmering.

The Varsity was not making consistent headway against the Scrubs who were familiar with the Varsity's signals and list of plays, and strengthened in addition, by Schulte of last year's team. Captain Curtis was eager to save the reputation of the Varsity and insisted upon getting into the game toward the end of the second half. Against Fitzpatrick's wishes he went out to relieve Rumney. He took the ball several times and made good gains, but on his fourth attempt, in a play directed against the left tackle of the Scrubs, both lines of interference came together with terrific force. Curtis was thrown violently. He made a complete somersault, and came down with his left leg under him, and it snapped like a pipe stem.

He was taken immediately to the University Hospital and made as comfortable as possible. The sympathy of the University was expressed in a thousand different ways and for days after the question was, "Have you

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heard from Joe? How is he getting on?" At the Philadelphia game he was connected by telephone with Franklin Field and sent his word of encouragement to the team.

It was the first time in four years of play that Curtis had been injured or taken out on account of an injury, and the Pennsylvania game would have been the last game in which he was entitled to play. The watchword with which the team went to Philadelphia was "For Michigan, the West, and Joe Curtis."

SCRUBS AND BAND SENT TO THE PENNSYLVANIA GAME

At a rousing football mass meeting held in University Hall, Tuesday, Nov. 13, just before the team left for Philadelphia, and upon a suggestion of Harry L. Coe, who acted as leader of the cheering, a subscription was taken to send the Scrubs to the Pennsylvania game. No sooner said than done. The lists were passed about immediately, and the amount pledged proved more than ample to send to Philadelphia the nineteen men who have been faithful in helping the Varsity team all the fall. The amount pledged, or over $600, was paid in at Director Baird's office the following day.

The desirability of sending the band to Pennsylvania was also very apparent and subscriptions were taken among the students and down town business men for that purpose. This effort proved likewise successful and Michigan was represened by the band as well as by the Scrubs.

CAMPUS CALENDAR

COMING EVENTS

DECEMBER

Friday, 14.—Tenth Annual Banquet of the Y. M. C. A. at McMillan Hall.

Sunday, 16.—Lecture by William S. Sprague, President of the Sprague Publishing Co., Detroit. McMillan Hall, 6:30 p. m.

Monday, 17.—Lecture by Raymond C. Davis on "Novels." Lecture Room, Tappan Hall, 7:30 p. m.

Wednesday, 19.—Historical Recital, "Beethoven." Albert Lockwood, Frieze Memorial Hall, University School of Music.

Thursday, 20.—Lecture in French, "Le Theatre de Victor Hugo." Professor Béziat de Bordes. Tappan Hall Lecture Room, 4 p. m.

Friday, 21.—The University closes in the evening in all departments for the Christmas holidays vacation.

JANUARY

Tuesday, 8.—Exercises resumed in all departments of the University.

Thursday, 10.—Faculty Concert. University School of Music. Frieze Memorial Hall, 8 p. m.—Lecture in French on "Le roman en France avant Victor Hugo." Professor Béziat de Bordes. Tappan Hall Lecture Room, 4 p. m.

Friday, 11.—Hamilton Club Oratorical Contest, Chicago.

Thursday, 16.—Historical Recital, "Schumann," by Albert Lockwood. Frieze Memorial Hall, University School of Music.

Thursday, 17.—Lecture in French, "Les premier romans de Victor Hugo." Professor Béziat de Bordes. Tappan Hall Lecture Room, 4 p. m.

PAST EVENTS

NOVEMBER

Thursday, 1.—The scrubs scored on the Varsity team but were finally defeated 24 to 4.—The fresh lits played the sophomores at Ferry Field. Score 12 to 0 in favor of freshmen.

Friday, 2.—A mass meeting was held in University Hall with the Vanderbilt team as guests.—A party for three of the basket ball teams was given in Barbour gymnasium.—The west end of the old medical building was ordered vacated.—The first party of the year was given by the Woman's League in Barbour Gymnasium.—The Student Council elected officers: President, Harry L. Coe, Ann Arbor; Vice-President, Harry Hill, Edinburg, Ill.; Sec-

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retary, Arthur J. Jones, Detroit; Corresponding Secretary, Charles E. Winstead, Circleville, O.—The freshman glee club held their tryout.—The soph. medics defeated the fresh-medics 5-0 on Ferry Field.—The Engineering Society held the second meeting of the year.

Saturday, 3.—The senior and freshman engineers played a tie on Ferry Field.—The junior medics defeated the seniors with a score of 6 to 0.—The Webster society held a preliminary debate.—The Jeffersonian Society held a final tryout.

Tuesday, 6.—Soph. medics and pharmics played on Ferry Field. Score 0-0.—The Deutscher Verein decided to give "Der Bibliotekar," a four act comedy, this year.—The Phillips scholarships were awarded to Alicent Holt of Grand Rapids and Kimball Fletcher of Los Angeles, Calif.—The Sketch club met in Room C and enjoyed an exhibit of famous cartoons.

Wednesday, 7.—The Camera club met and made plans for the year.

Thursday, 8.—The Philological Society held their regular meeting. Assistant Professor J. S. P. Tatlock read a paper on Chaucer's "Legend of Good Women" and "Queen Anne."—*The Michigan Daily* added the following members to its staff: Louise Van Vorhis, '09, women's editor; G. P. Bliss, '07; H. S. Cody, '09, and W. S. Gradolph, '09, reporters.—The Fencing Club met.

Friday, 9.—The annual Hamilton contest was held in Room B of the Law Building. The first honors were won by Floyd A. Deahl, '07*l*, who will thus represent Michigan at the Chicago Hamilton Club contest on Jan. 11, 1907. J. W. DeBruyn, '07 lit., won second place.—A reception was given in Barbour Gymnasium by the Senate in honor of the new Faculty members.

Saturday, 10.—The fresh engineers won the championship of their department by defeating the seniors 8 to 5.—The Cross Country Club held its annual handicap race. Floyd Rowe won over thirty competitors and gained the Wright-Kay trophy cup, awarded permanently to the winner of three successive races.—Dr. Angell addressed the Woman's League in Barbour Gymnasium.—Through the kindness of Senator Russell A. Alger a collection of 840 of the Topographical Atlas sheets published by the U. S. Geological Survey were donated to the University library.—Captain Curtis of the Football team suffered a broken leg in a practice game with the Scrubs.

Sunday, 11.—The University Sociological Club was addressed by Dr. Forbush of Detroit.—Dr. Kinnicutt of Cleveland addressed the Y. M. C. A.

Tuesday, 13.—The last mass meeting of the year was held in University Hall. Enough money was pledged by the students to send the scrubs to the Pennsylvania game.—The dents won a place in the final contest by defeating the senior lits 18 to 0.—The University Chess and Checkers Club accepted a challenge from the Detroit Club.

Wednesday, 14.—The students in French at the University met and arranged to give a play.

Friday, 16.—Professor John R. Allen addressed the Engineering Society on "Boiler Explosions."—Over one hundred girls attended a dancing party given in Barbour Gymnasium under the direction of Miss Elsa Haller.

Saturday, 17.—The Swedish National Dancers appeared in Sarah Caswell Angell Hall under the auspices of the Woman's League.—Pennsylvania defeated Michigan 17 to 0 on Franklin Field, Philadelphia.

Sunday, 18.—Benjamin C. Marsh, Secretary of the Philadelphia Society for the Prevention of Cruelty of Children addressed the Sociological Club at Newberry Hall.—President J. G. McClure of McCormick Theological Seminary spoke in University Hall urging young men to the ministry.

Monday, Nov. 19.—Raymond C. Davis, Librarian Emeritus, gave the first of a series of lectures on "Books" at Tappan Hall.

Tuesday, 20.—The Senior Laws awarded caps, sweaters and numerals to their football men.—Ten new men were voted into the fencing club and a committee appointed to secure a professional instructor.—The Michiganensian staff held its first meeting. Several vacancies in the board were filled as follows: Literary department, Guy P. Bliss, Plainwell; J. H. Prescott, Newark, N. Y.; Stella O. Olson, Calumet; Law Department: Howard A. Ellis, Ionia; D. W. Harter, Akron, O.; Gray Herndon, Rochester, Ill.; Engineering Department: Walter C. Keys, Glendale, O.; W. D. Shannon, Morenci; Medic: J. C. Benson, Mt. Morris; Dental, Pharmic and Homeop., acting jointly: I. A. Eppstein, Toledo, O.; fraternities: C. R. Hannan, Boston, Mass.; C. J. Whipple, Chicago; sororities: Miss Isla Jones, Grand Rapids.—The Mortarboard society initiated seven senior girls in Barbour Gymnasium and afterwards held a banquet at the Cutting Café.

Wednesday, 21.—The men's section of the Deutscher Verein held an initiation.—The Senior Research Society, composed of Senior members of the various faculties, held its monthly meeting in the histological laboratory of the new medical building. The chief address was given by Professor Loyd on "Doubt." An address was also

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given by Dr. Bean on the "Comparison of the Brain of the Negro with that of the Caucasian."

Thursday, 22.—Dr. E. B. Bradley, of New York City addressed medical students on "Opsonins."—The Camera Club met and elected the following officers: President, Philip Armstrong, vice-president Earl Mills; secretary, Harold Buckley; treasurer, Hiram Cody; chairman executive committee, Will Howell.—At a meeting of the Michigamua Society C. E. Winstead, C. C. Curtis and W. C. Riecks were initiated.

Friday, 23.—The Senior Lits decided to hold two dances and two smokers this year. They also awarded caps and sweaters and let the contract for their class picture.—The Sophomore Lits held a smoker attended by over eighty of their number.

Saturday, 24.—The fresh engineers won the inter-class championship from the dents by a score of 15 to 0.—Three honor men of the six to represent Michigan in the Central Debating League Contest were chosen at the debate between the Alpha Nu and Jeffersonian Societies. They were Albert D. Pierce, W. D. Freyburger, and Geo. Eves.—The junior lits held their second smoker.

Sunday, 25.—President Welch of Ohio Wesleyan addressed men at McMillan Hall at the regular Y. M. C. A. meeting.—J. Howard Melish of Brooklyn, N. Y., delivered the Baldwin lecture at the Episcopal church on the subject "What is Christianity."—Rev. Wm. T. Jacques of Detroit spoke on "God's Message to an Age of Wealth," under the auspices of the Tappan association of the Presbyterian church.

Monday, 26.—The junior secret society, the Sphinx, held their initiation, followed by a banquet.

UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

A BIBLIOGRAPHICAL RESEARCH

An interesting bit of research, by Mr. Byron A. Finney, assistant in the University of Michigan Library, and recently published in the proceedings of the Bibliographical Society of America, demonstrates that even the records of the British Museum are open to error. The result will be the correction of a mistake which has persisted in bibliographical works for the last two hundred years.

A question arose over the date of an old treatise on medicine, the "Rosa Anglica" of John of Gaddesden, the court physician of Edward I, and the original of Chaucer's "Doctor of Physick," which ran through several editions in the latter part of the 15th and 16th centuries. Most of the bibliographical catalogues gave editions for 1492, 1516, 1517 and 1595. A copy of the work in question owned by Dr. George Dock, Professor of Medicine in the University, came to Mr. Finney's attention and he attempted to ascertain the year of its publication. The volume corresponded to an edition which has heretofore been given the date of 1516, but upon referring the question of the translation of the Latin title page to various members of the Latin Faculty it was unanimously decided that it must be translated 1502. A letter to the British Museum revealed the fact that they had also discovered this mistake in their catalogue. As the work is one of some importance in bibliographical annals, the discovery of this mistranslation of a Latin title page which has persisted since 1637 is of great interest.

THE CATHOLEPISTEMIAD, OR UNIVERSITY OF MICHIGANIA

Originally the University of Michigan was known as the Catholepistemiad, or University of Michigamia, with thirteen Didaxiim or Professorships. Among the many interesting facts concerning the University, in the new "History of the University" by the late Professor Hinsdale, edited by Professor I. N. Demmon, and published by the University, there is a chapter on this early effort for public education in the territory of Michigan, before Ann Arbor was chosen as the seat of the University.

The first step toward the foundation of a University was taken in 1817, when the Governor of the Territory and the Judges established in a little building 24 by 50 feet at Detroit, this "Catholepistemiad." A facsimile of the original draft of the course of studies to be pursued in this high sounding institution, published on page 9 of the "History," does not decrease one's impression of its formidable nature. In one column is given the "nearest familiar and elegant names (of courses) adapted to the English Language," and in the next "the epistemiim or names which may be engrafted without variation into every

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modern language." For instance, literature was to be known as "anthropoglossica," the medical sciences as "iâtrica," and the intellectual sciences as "annœica."

The "History" as a whole is a beautifully printed volume, with a surprisingly complete and well illustrated section devoted to the biographical sketches of Regents, Officers and Faculty, both past and present, in addition to Professor Hinsdale's historical chapters.

The volume well deserves the following praise given it by President Angell in *The Michigan Alumnus* for October 1906.

"Regarded as a piece of historical writing, Professor Hinsdale's work in this volume is masterly. . . . Throughout the whole work his own grasp of educational problems and his intimate acquaintance with educational history lend peculiar value to his narrative. He writes in such warm sympathy with the Michigan view of the function of the University that his history will be read with pride and delight by every son and daughter of the institution.

"Professor Demmon in furnishing the biographical sketches has performed a most difficult task with eminent success. . . . The alumni and friends of the University owe a debt of gratitude to Professors Hinsdale and Demmon for the preparation of this volume. For their sake, and for that of the University, it is hoped that it will have a wide circulation."

PRIZE ESSAY CONTISTS

Students at the University of Michigan have an opportunity to compete in three different prize essay contests with awards varying from $100 to $1,000. One of the competitions, that offered by the Hon. A.M. Todd of Kalamazoo who is especially interested in arousing interest in the practical questions of the day, is open only to Michigan students. The competitions offered by Hart, Schaffner and Marx, of Chicago, and the Merchant Marine League, of Cleveland, Ohio, however, are open to students in any college in the United States. Further information regarding these competitions may be obtained from Professors Charles H. Cooley, John A. Fairlie, or Henry M. Bates.

TODD PRIZES.

Open to any student in the University having a college degree or who will graduate in 1906 or 1907.

Five prizes of $100 each for the best essay on the following topics:

1. On the best means of reforming our governmental and political system.
2. On means of securing just rewards to labor, and of stimulating the advance of the laboring class.
3. On means for decreasing intemperance.
4. On the support of those incapacitated by age, sickness or accident.
5. On public ownership of public utilities.

HART, SCHAFFNER AND MARX ESSAYS.

A. One prize of $1,000 and one of $500.

Open to persons who have received bachelor's degrees from an American college in 1895 or later.

B. One prize of $300 and one of $150.

Open to persons who are under-graduates in American colleges.

No one in Class A may compete in Class B, but any one in Class B may compete in Class A.

Papers must be submitted before June 1, 1907.

For further information apply to Professor J. S. Laughlin, University of Chicago.

1. Free entry into the United States of raw materials essential to manufacturing.
2. Method of obtaining an elastic currency in time of panic.
3. To what extent does socialism prevail in the United States?
4. To what extent has railway combination suppressed competition?
5. Best methods of avoiding the use of force by trades unions.
6. Effect of trusts upon prices.
7. Earning power of skill under trade unionism.
8. Modern commercial methods of distributing products to consumers.
9. Economic theory since John Stuart Mill.

MERCHANT MARINE LEAGUE PRIZES.

Open to students in high schools, technical schools, colleges and universities.

For further information apply to the Merchant Marine League of Cleveland, Ohio.

Four prizes, $400, $300, $200, $100.

Topic: How to build up our shipping in the foreign trade.

Papers must be submitted on or before June 5, 1907.

SUMMER SCHOOL ENROLLMENT

According to the report of Professor John O. Reed, Dean of the Summer School of the University of Michigan, which was presented to the Regents of the University at their October meeting, the number of students taking advantage of the opportunities offered for summer study in 1906. showed an actual increase of 26.4% over those in attendance in 1905.

This increase however, was distributed

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unevenly over the various departments. Thus, the numbers in the Engineering Department showed an increase of 90% in the number of students doing required work and enjoying free tuition, while the Departments of Literature, Science and the Arts, and of Engineering, exclusive of these students, showed an increase of but 8.5%. The Department of Law showed an increase of 38%, while the Department of Medicine and Surgery reported an increase of 27%.

The total numbers enrolled were as follows:

Department of Literature, Science, and the Arts, and of Engineering, exclusive of engineering students enjoying free tuition	558
Department of Engineering (free tuition)	238
Department of Medicine and Surgery	94
Department of Law	142
Total	1032

Of the 588 which were enrolled in the Literary and Engineering Departments, 171 were teachers, and of these 31 were superintendents of city schools. 135 of these were also graduates of colleges or universities, and 89 were graduates of normal schools. Of the 94 enrolled in the Medical School, 21 were practicing physicians and 58 were students in the department.

The report also emphasized the fact that there can be no question of the far-reaching influence of the summer school upon the general attendance in the University. "Students and especially teachers from all parts of the United States, particularly the East and South, are brought under the influence of the University during the summer, and go home enthusiastic admirers and advertisers of the institution, among their pupils and friends. So well is this fact recognized, that the past summer witnessed the inauguration of a summer session at Yale, perhaps the most conservative of American universities."

ENTERPRISING JOURNALISM

An interesting example of the enterprise of modern college journalism was afforded by the *University of Michigan Daily*, November 17, on the occasion of the Michigan-Philadelphia game. In competition with the three local papers as to which should bring the news before the Ann Arbor public first, the *Daily* scored a "beat," and had papers upon the street half an hour before the others went to press.

The work was all in charge of the student staff of the *Daily*. The editors were on a direct wire with the athletic editor at Philadelphia, who furnished a complete and detailed account of the game as it was played. A relay of messenger boys carried the news from University Hall where it was received to the printing office.

LECTURES ON VICTOR HUGO

The life and works of Victor Hugo form the subject of a series of lectures now being given in French by Professor A. Beziat de Bordes of the University of Michigan, every Thursday afternoon, 4 p. m., in the lecture room of Tappan Hall. The next lecture, December 9, will be upon Hugo's drama, "The Burgraves."

This lecture will be the ninth in the series, of which there will be thirty-six in all. After the first three lectures which were of an introductory nature, Professor Beziat took up the discussion of Victor Hugo as a dramatist. The last lecture in this series will be given Thursday, Dec. 20, on the "Theatre de Victor Hugo." This will be followed by a series of fifteen lectures on the "Novels" of Victor Hugo, and then will come his poems, ending with a lecture, entitled "Victor Hugo" simply.

These lectures are open to every one, outsiders as well as students of French.

FACULTY NUMBERS 332

Assistant Professor Henry A. Sanders of the University of Michigan, who has in charge the editing of the annual calendar of the University, has just made up the list of the members of the Faculty of the University. According to these latest figures the University has a faculty of 332 members, exclusive of all student and undergraduate assistants. This number is divided as follows:

Professors	77
Junior Professors	21
Assistant Professors	32
Instructors appointed for three years	32
Instructors appointed for one year	62
Assistants	87
Special Lecturers	21
Total	332

Within two days, the students of the University of Michigan raised enough money by subscription to send nineteen members of the scrub football team and the Varsity band to Philadelphia, for the game Nov. 17.

Invitations to the presentation of the new portrait of President Angell and the Michigan Union banquet Dec. 8, have been sent to 23,000 alumni and former students of the University, or all of those for whom the University has addresses.

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ANNUAL REPORT HOMOEOPATHIC GUILD

The Homoeopathic Hospital Guild respectfully submits the following report for the year ending Nov. 19, 1906:

RECEIPTS.

Dues	$ 44.65
Charity boxes	3.98
Profits on postal cards	3.75
Individual gifts	56.50
Coffee reception	51.00
Total	$159.88

DISBURSEMENTS.

Amount paid for patients	$105.11
Incorporation of Guild	6.00
Membership in Association of Charities	1.00
Book for constitution	.50
For printing	3.50
Expense for the coffee social	1.75
Floral offering	5.00
Total	$122.86
Balance on hand in commercial department Nov. 19, 1906	.78
Amount on hand in savings department Nov. 19, 1906	234.80
Total amount on hand	$235.58

The society was organized in November, 1897, since which time it has received and disbursed the following amounts:

Receipts since Nov., 1897	$1166.24
Disbursements since Nov., 1897	930.66
Credits Nov. 19, 1906	$235.58

Eight hundred seventy-nine dollars and fifteen cents ($879.15) have been paid for patients, five being cared for the last year and thirty-seven since the society was organized. During the year just closed $105.11 have been paid for patients, one coming from Ypsilanti and four from Ann Arbor. The largest amount paid was $84 to an Ann Arbor patient.

The following officers were elected for the coming year: Mrs. Harrison Soule, president; Mrs. Thomas Keech, vice-president; Mrs. B. M. Thompson, secretary; Mrs. C. A. Burrett, assistant secretary; Mrs. F. M. Freeman, treasurer; and Mrs. John Miner and Mrs. Emmett Coon, assistant members of the executive committee. These officers, with two members who are not officers, constitute the executive committee. By consent of three members of the executive committee a patient can be placed in the hospital almost immediately upon application.

The primary and only purpose of the organization is that of caring for the needy patients by putting them into the hospital and paying their actual expenses during the time it seems necessary for them to be there. Aid is gladly given to those who need it and are worthy.

The fee for membership is 5 cents per month. The number of new members during the past year is 15. The total number of members to date is 54.

The New Year "At Home" at Professor Scott's was so successful that it was decided to make this an annual affair. The "At Home" Jan. 1, 1907, will be held at the residence of Dr. and Mrs. Hinsdale, 611 Forest avenue.

The society wishes to extend thanks for all donations and courtesies extended during the past year. Future contributions will be gratefully received.

MRS. HARRISON SOULE, Pres.
MRS. B. M. THOMPSON, Sec.
MRS. C. A. BURRETT, Ass't Sec.
MRS. HARRIS BALL, Treas.

MICHIGAN GRADUATES IN DEMAND FOR TEACHERS

The University of Michigan holds an enviable place among educators in the East and carries one of the strongest reputations of any university in the country as an institution for "making" good teachers. At least this is the verdict of the teachers' agencies in all parts of the country. A. G. Fisher, of Boston, manager of an agency bearing his name, said recently in talking with the writer:

"My work is such as to bring me in contact with superintendents, principals and college presidents and professors throughout the New England states. I am obliged to cater to their desires and am therefore in a position to know exactly what they want. I have had some Michigan people enrolled with me and have had no trouble whatever in placing them. In fact I am sure I could use many more if I could get them."

Mrs. Young-Fulton, who conducts the American and Foreign Teachers' Exchange in New York City, has a very high opinion of University of Michigan graduates and says she would rather have Michigan men and women than graduates from any other universities. She says that there is something in the method of instruction or else in the character of the students who go to Ann Arbor that seems productive of good teachers.

H. R. Reed, of the Reed Teachers' Agency of Syracuse, N. Y., is of similar opinion and also expresses himself on the dearth of young teachers from Michigan from which to select. He said:

"I wish that we could get hold of more

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Michigan students who desire to teach in the East. I don't know where they go unless it is to the West, for we get but very few here and we could use many."

One example alone of the East's appreciation of Michigan graduates is shown in the case of Stratton D. Brooks, whom old classical Boston has seen fit to honor with the place of superintendent of her schools.

MICHIGAN UNION PURCHASES SITE FOR CLUB HOUSE

The Cooley property on South State street, opposite the front of the campus, has been purchased by the Michigan Union. The stone house now on the property will be used as temporary quarters for the Union until enough money can be raised by popular subscription for a new club-house.

The wants of the Union cannot possibly be satisfied by the new quarters, and therefore the building can be but a partial realization of the ideals of the Union. The property will not be occupied until next summer.

MEMORIAL BUILDING FUND

The alumni memorial building enterprise has now developed to such proportions that the new building will soon be a reality as an addition to the campus. There have been now subscribed $105,945.75, of which amount the sum of $68,060.98 has been paid into the University treasury and is drawing interest.

The building will be constructed at a cost of about $175,000, of which sum there remains only $65,000 to be raised. Personal appeal is being made to Michigan alumni, and the sum will probably be raised within the next year.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'59

'59. William J. Beal, Agricultural College, Mich., Secretary.

John D. Parker, '59, A.M. '62, has removed from New Haven, Conn., to North East, Penn.

'61

James W. Vandervoort, '57-'58, *m*'61-'63, formerly of Harveysburgh, Ohio, is now living at 221 Garrard St., Covington, Ky.

Albert H. Daniels, '64*m*, was born Aug. 21, 1840, at Kalamazoo, Mich. He received his early education at Prairie Seminary, Richland, Mich., and entered the Medical Department of the University of Michigan in the fall of 1859, taking one course of lectures. October 13th, 1861, he enlisted as Hospital Steward of the 13th Michigan Volunteer Infantry, and on Aug. 8, 1862, was promoted to assistant surgeon of the 17th Michigan Volunteers. He was present at the battles of South Mountain and Antietam, Sept. 14-17, following, where the 17th Michigan Volunteers got the title of the "Stonewall Regiment." On account of typho-malarial fever, he resigned his commission and after recovery, he entered the Kings County Hospital, of Flat Bush, Long Island, and spent one year there. Jan. 1st, 1864 he re-entered the Medical Department of the University and was graduated with the class of that year. In May, 1864, he was made acting assistant surgeon, U. S. A. and assigned to duty in the general field hospital of the Army of the Cumberland, in and around Chattanooga, Tenn. After General Sherman reached Savannah, he resigned his commission, and early in 1865 located at Amherst, Mass., to practice his profession, remaining there until 1870. In the meantime he was examining surgeon on the Board of Pensions. In 1870 he moved to Michigan and located in Van Buren County and practiced there until 1879. In 1882, after having been burned out the second time, he moved to South Dakota, and located at Mitchell, where he has resided and practiced medicine ever since. He has been a member of the Board of Pension Examiners for 12 years; coroner for 6 years; and health officer of the City of Mitchell for 12 years. For the past five years he has been quite extensively interested in mining in Colorado, and is now president of the "Honest

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John Mining, Milling and Tunnel Company, located at Idaho Springs, Colo.

Dr. Daniels is married, and has one child and six grand children. He may be addressed at Mitchell, So. Dak.

'68

Frederick C. Curtis, *m'66-'67*, is a practicing physician at 17 Washington Ave., Albany, N. Y.

A testimonial banquet was recently given by the medical society of Black Hawk County, Iowa, in honor of Daniel W. Crouse, '68, M.S. '73, M.D. (Long Island) '69.

Captain Charles F. Barclay, *l'66-'67*, of Sinnamahoning, Pa., has just been elected as a representative in Congress. He was born at Owego, Tioga County, N. Y., May 9, 1844. The following year the family removed to the southern part of Potter County, Pa. The first eighteen years of his life were spent in the wildest part of the wildest section of the state. He prepared himself for teaching, in which occupation he was engaged at the breaking out of the war. In 1862 he enlisted as a private in Company K, 149th Pennsylvania Volunteers. His army career was conspicuous as was evidenced by his rapid rise and on May 16, 1865, he reached the Captaincy. At the close of the war he entered the Law Department of the University of Michigan. He did not, however, practice law but entered into a partnership with his brother at Sinnamahoning, in the lumber and mercantile business in which business he has since continued.

'69

'69. William A. Butler, Jr., 883 Second Ave., Detroit, Secretary.

Stephen C. Hall, '69, A.M. *'72*, is president and treasurer of the Hall and Lyon Furniture Co., Waverly, N. Y.

Estel H. Rorick, *'69m*, is superintendent of the Institution for the Feeble-Minded at Columbus, Ohio.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Dexter L. Thomas, *'70l*, has offices in the Bee Bldg., Omaha, Neb. His residence is 511 So. 25th Ave.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

The class of *'72*, Literary Department, will hold a reunion in 1907, Commencement time. H. N. Chute, president of the class and instructor in Ann Arbor high school, will furnish you with notice. Shall appreciate your kindness if you will insert it in your valuable publication.

Louis M. Iddings, *'72*, is consul general of the United States at Cairo, Egypt. W. H. Hinman is president of the Colorado Gypsum Company and vice-president of the Michigan Alumni Association, Denver, Colo. He and Cornelius Donovan are the unmarried members of *'72*. F. L. Geddes, of Toledo, O., has just closed a very successful term as right eminent grand commander of the Grand Commandery Knights Templar of Ohio, and was given a most enthusiastic reception at the state gathering. Messrs. Geddes and Barton Smith, also of *'72*, stand in the front rank in the legal profession at Toledo.

Cornelius Donovan, *'72*, is in charge of the engineer work of opening up the Southwest Pass; over $2,000,000 have been expended. In a recent report, Mr. Donovan is very highly complimented as one of the most efficient men in the engineer corps of the United States service. Address him at New Orleans, La., care of Chess, Checkers and Whist Club.

L. H. JENNINGS,
Sec'y *'72l.*

'73

'73. William M. Carrier, First National Bank Bldg., Flint, Mich., Secretary.

Edson B. Bauder, *'73l*, is practicing law at 235 Superior Ave., Cleveland, O. His residence is 29 Auburndale Road, East Cleveland.

Orlando B. Surface, *l'71-'72*, is now practicing medicine at 1612 Shelby St., Indianapolis, Ind.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

Frank H. Culver, '75, may be addressed a Room 910, 100 Washington St., Chicago Ill.

'78

Charles A. Barnes, *'78l*, who was recently elected supreme chancellor of the Knights of Pythias, is a resident of Jacksonville, Ill., and county judge of Morgan County. He has held other high offices in the Pythian order and is a trustee of Illinois College and of Jacksonville Female Academy. Judge Barnes was born at Alton, Ill., in 1855, and was educted in Illinois College and the Law Depart- of the University of Michigan. He has been city attorney and also state's attorney for Morgan County. In 1904 he was a delegate to the universal congress of lawyers and jurists which held its sessions in St. Louis.

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'79

Wilbur Gillett '79*m*, is now residing at 637 Baker St., Detroit, Mich.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907.

Myra L. Barnes, '78-'79, has gone to Anatolia College, Marsovan, Turkey, as a teacher.

'83

Albert DeCamp, '83*l*, is practicing his profession at Lansing, Mich., in partnership with C. C. DeCamp.

Virgil K. Kellogg, '83*l*, and George W. Reeves, have formed a partnership for the general practice of law under the firm name of Kellogg & Reeves, with offices at 57-60 Otis Bldg., Watertown, N. Y.

'85

'85. John O. Reed, Ann Arbor, Secretary.

Norman W. Haire, '80, '85*l*, recently resigned as Judge of the 32nd Judicial Circuit to become General Manager of the Bigelow Group of Mines. His address is Houghton, Mich.

'87

Clinton L. Caldwell, '87*l*, is residing at 1125 North Grand Ave., St. Louis, Mo. His office is 309 Chemical Bldg.

Mark R. Sherman, '87, '89*l*, is practicing at 920 Unity Bldg., 79 Dearborn St., Chicago, Ill.

'88

William H. Moore, '88*l*, was elected mayor of Seattle, Wash., last March, as a municipal ownership Democrat, although the Republican plurality in that same city was over nine thousand out of 13,000 votes in the last Presidential election.

'89

Ellen E. Garrigues, '89, A.M. '93, may be addressed at 232 W. 101st St., New York City.

'90

'90. Katherine Campbell, 530 N. LaFayette St., South Bend, Ind. Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Louis C. Sabin, '90*e*, is general superintendent of the St. Mary's Falls Canal, at Sault Ste. Marie, Mich.

James W. Goodwin, '90*l*, may be addressed at 3001 Jackson St., San Francisco, Calif.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.

Samuel C. Park, '87-'91, may be addressed at 468 S. Main St., Salt Lake City.

Mulford Wade, '86-'91, is manager of the Akron Branch of Lamprecht Bros. & Co., members of New York Stock Exchange.

Charles E. Babcock, '87-'89, '91*l*, is president of the Necedah Bank, Nedecah, Wis.

Francis J. Peck, '91*p*, has offices in the Williamson Bldg., Cleveland, Ohio. The firm name is Crowell & Peck, Mining Engineers, Chemists and Metallurgists.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

William Warner Bishop, '92, A.M. '93, Reference Librarian of Princeton University, read a paper before the last Conference of the American Librarians' Association on "Subject Headings in Dictionary Catalogs." He also had an article in Volume X of the American Journal of Archaeology on "Roman Church mosaics of the First Nine Centuries."

Wilhelm Miller, '92, is at present editor of "Country Life in America," and may be addressed at the editorial rooms of that publication. Three years after his graduation from the University he entered the department of horticulture at Cornell University, where he spent seven years, as he says, "accumulating a couple of advanced degrees, and working for about three and one-half years on the Cyclopedia of American Horticulture, a very weighty work (I understand it tips the scales at thirty pounds)." While at Cornell he was married to Miss Mary Rogers, a graduate of Cornell and a lecturer on nature studies.

Arthur J. Tuttle, '92, '95*l*, of Leslie, Mich., was recently elected state senator from the fourteenth district.

Harry T. Smith, '92, LL.B (Harvard) '95, may be addressed at Hartford, Conn., in care of Aetna Life Ins. Co.

Le Grand T. Meyer, '92*l*, is at present City Attorney for Hammond, Ind., with offices in the First National Bank Bldg.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
93l. Francis G. Jones, Muskegon, Mich., Secretary.

Clarence W. Heath, '93, M.D. (Illinois) '00, is a specialist in diseases of the eye. His office is 1400 Reliance Bldg., Chicago.

M. Eloise Walker, '93, '96*m*, has re-

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moved from Hudson, N. Y., to Binghampton, N. Y., care of Binghampton State Hospital.

Elton C. Armitage, '93*l*, is occupying Suite 1413-1420, Fort Dearborn Bldg., Chicago.

Thos. W. Slick, '93*l*, has taken his brother, William A. Slick, '06*l*, into partnership with him. The new firm, "Slick & Slick," have offices in the American Trust Co., South Bend, Ind.

Albert M. Ashley, '93*l*, formerly at Grand Rapids, Mich., may now be addressed at Spring Lake, Mich.

George E. Hoffman, '93*m*, is assistant in the Northern Indiana Hospital for the Insane at Logansport, Ind.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Charles A. Bull, '94*l*, is still located at Sun River, Mont.

Stephen G. Olmstead, '94*m*, formerly of Detroit, has now located in Seattle, Wash., 1616-18 Eitel Bldg.

'95

'95. Mrs. Gertrude Sunderland Safford, 22 W. Warren Ave., Detroit, Secretary.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Frederick L. Searing, '95, is teaching in the State Normal School, at Mankato, Minn.

Cassius E. Wakefield, '95, is now Pastor of Hess Memorial M. E. church, Denver, Colo. His address is 2939 Vine St.

Isaac F. Stern, '95*e*, has changed his address in Chicago to 647 E. 46th Pl., Hyde Park Sta.

Harry G. Hadden, '95*l*, has removed from Harvard Ave., to 197 E. 147th St., Chicago, Ill.

'96

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Mary J. Adams, '96, Ph.M. '97, has changed her address in Chicago to 854 Jackson Blvd.

John W. Beach, '96, has the chair of Greek in Juniata College, Huntingdon, Pa.

Charles K. Carpenter, '96, is now Pastor of the First Methodist Episcopal church of Aurora, Ill. His wife will be remembered as Annie D. Kimlin, '97.

Horace H. Van Tuyl, '96, M.D. '03 (Detroit Homoeopathic College) is practicing at 1526 Woodward Ave., Detroit, Mich.

Jesse E. Whitsit, '96, has changed his address in New York City to 255 W. 104th St.

Edward M. Selby, '96*l*, has removed from Ventura, Calif., to 454 Wilcox Bldg., Los Angeles, Calif.

David L. Dillon, '96*l*, has removed from Clinton to Fenton, Mich.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97l. William L. Hart, Alliance, Ohio, Directory Editor.

Effie L. Danforth McAfee, '97, has changed her address from 521 W. 111th St., New York City, to 134 Rich Ave., Mt. Vernon, N. Y.

Milton R. Parmelee, '97, has removed from Charlotte, Mich., to Concord, Mich.

Henry Geismar, '97*e*, may be addressed at 909 S. 21st St., Birmingham, Ala.

Frank A. Ketcham, *e*'93-'96, has changed his address from Chicago, Ill., to La Grange, Ill., 129 S. Kensington Ave.

Thos. F. McCrickett, '97*e*, is with the Russell Wheel and Foundry Co., of Detroit, Mich.

Since the death of her husband, Dr. Louis Fielding High, owner and founder of Pineshire Sanitarium, Southern Pines, North Carolina, Dr. Caroline Young High, '97*m*, has returned to 104 W. 96th St., New York City, where she will continue the practice of medicine.

Evi D. Benjamin, '97*p*, is now a druggist in Pontiac, Mich.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

Marvin W. Turner, '98, has changed his address from Lyons, Colo., to 1816 E. 25th Ave., Denver, Colo., where he is now secretary for the Vacuum Cleaner Company of Colorado and Utah.

Herbert W. Whitten, '98, A.M. '01, has changed his address from Winona Lake, Ind., to 16 E 34th St., Kansas City, Mo.

Lawrence H. Van den Berg, '98, is principal of the High School at Owosso, Mich.

Herbert P. Stellwagen, '98, is teaching mathematics in Yeatman High School, St. Louis, Mo.

Elisha A. Baker, '98*l*, has just been elected State Representative of the 13th Ind. Dist., by a good majority.

Bayard Wyman, '98*l*, is in the Postoffice Department, at Washington, D. C.

John Q. Adams, '94, '98*l*, is now studying in the library of the British Museum. He writes of recently meeting Professor Fred N. Scott, who was on his way to Munich. Mr. Adams' address is 14 Gayton Road, Hampstead, London, N. W.

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Walter H. Blome, '98*p*, B.S. (Phar.) '02, M.S. (Phar.) '05, may be addressed at 352 Van Dyke Ave., Detroit, Mich.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Louis R. Dice, *l*'95'96, '96-'98, graduated from West Point in 1903 and is now Lieutenant, stationed at Ft. Morgan, Ala.

John T. Mountain, '99*e*, has removed from 728 Pine Grove to 409 E. Huron, Kinzie Sta., Chicago.

H. Winnett Orr, '99*m*, has retired as editor of the Western Medical Review and is secretary for 1906-1907 of the Nebraska State Medical Association. Address, Lincoln, Nebr.

Eugene Saunders, '99*l*, has removed from Chicago, Ill., to Chattanooga, Tenn.

George J. Dreiske, '99*l*, has changed his address in Chicago from 1022 Kimball Ave., to 454 N. Hoyne Ave.

Harry L. Chapman, '99*l*, has changed his address in Chicago to 4733 Lake Ave.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

The secretaries of the class would be very grateful to you if you would notify them of addresses of members of 1900 that have changed during the summer.

Jenny Evalyn Hassett, '00, of Negaunee, Mich., is teaching in Great Falls, Mont.

Rev. Irving T. Raab, '00, has moved from Saline, Mich., to Cashmere, Wash., where he is preaching in the Presbyterian church. Cashmere is a small town about half way between Spokane and Seattle, on the Great Northern, at the foot of the Cascade mountains. Both Mr. and Mrs. Raab (Florence Pomeroy, '98) are well pleased with their new field of labor.

Winifred Bogle, '00, of Ann Arbor, is spending a year in study abroad. Her sister, Katherine Bogle, '03, is with her.

Walter S. Foster, '00, '02*l*, of Lansing, Mich., was recently elected prosecuting attorney of Ingham County.

Marian C. Kanause, '00, visited at Ann Arbor in June, then at Flint, Port Huron, Chicago, and Muskegon. She is teaching again at Sault Ste. Marie. Address, Hotel Iroquois.

Born to Mr. and Mrs. Alfred Hayes, Jr., 40 Morningside Park W., New York, a daughter, June 30, 1906. Mrs. Hayes was Grace Robertson, '00, of Chicago.

Julia H. Beese, '00, is teaching in the High School at Bay City, Mich. Address, 517 Washington Ave.

Florence Katherine Wetmore, '00, is teaching again this year at Noblesville, Ind. Her address is changed to 130 S. 9th St. She spent most of the summer at Chautauqua, N. Y.

Mark B. Beattie, '00*e*, has changed his address in Chicago to 7241 Yale Ave.

Sara T. Chase, '00*m*, has removed from Otsego, Mich., to Traverse City, Mich., for the practice of her profession. Address, 408 State Bank Block.

William J. McCready, '00*l*, has removed from Onslow, Iowa, to Perry, Ia.

Ira M. Hawkins, '00*l*, has changed his address in New York City to Park Row Bldg., opposite Post Office.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

Julia P. Benson, '00, may be addressed at 3838 Lutheran Ave., St. Louis, Mo.

Nellie A. Brown, '01, has removed from Delray, Fla., to 3527 N. W. Eleventh St., Washington, D. C. She is now Assistant Pathologist in the Bureau of Plant Industry.

Lawrence M. Butzel, '01, is with the firm of Hess Bros., bankers, at 31 Nassau St., New York City.

Sanford W. Ladd, '01, is a member of the law firm of Moore, Brown, Miller, & Ladd. His office is in the White Bldg., Port Huron, Mich.

Katharine G. Hine, '01, may be addressed at 198 Ferry Ave. E., Detroit.

Helen M. Wattles, '01, is teaching mathematics and Latin in the Central High High School at Detroit, Mich. Her adderss is 234 Putnam Ave.

The address of Clement F. Chandler, '01, formerly of Cleveland, O., is desired by the class secretary.

Genevieve D. O'Neill, '01, A.M. '04, may be addressed at 66 Alfred St., Detroit.

Waldo Botsford Bach, '97-'98, left college to go with the 31st Michigan in the Spanish-American war. He is now a partner in the Summerville Lumber Co., at Imbler, Union Co., Oregon, where he may be addressed. Notice of his marriage will be found in another column.

Louis K. Douglas, '01, is now Secretary and Treasurer of the American Brass & Iron Co., Crystal St., and Trombly Ave., Detroit, Mich.

Rena R. Van Fossen, '01, is now at Winona, Minn., 362 Cummings St.

Harry J. Sproat, '01*e*, is with the Amer-

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ican Radiator Company at Detroit, Mich.

Bert S. York, *'01e*, has changed his address from Detroit, Mich., to 562 Burling St., Chicago.

Nelson W. Thompson, '99, *'01h*, is now in the State Hospital Service and is stationed at the Homoeopathic Hospital, Middletown, N. Y.

Frank C. Collier, *'01l*, formerly at San Diego, Calif., has removed to 711 Hellman Bldg., Los Angeles, Calif.

William R. Fox, *l'97-'99*, is city attorney for Kalamazoo, Mich.

Charles E. Lauder, *'01l*, has changed his address from Zion City, Ill., to 727 County St., Waukegan, Ill.

Edwin Rawden, *'01l*, was elected prosecuting attorney of Iosco County, at the recent election, receiving both the nomination and election without opposition. His office is at East Tawas, Mich.

George von Mida, *'00l*, of Kenmore, So. Dak., is managing a farmers' brokerage association in partnership with Thomas B. Murphy.

James H. Baker, *'01l*, has for some time past practiced law at Adrian, Mich.

Marl T. Murray, *l'97-'99*, may now be addressed at Lansing, Mich.

Roy G. Joslin, *'97-'98, '01d*, has gone to Minneapolis, Minn. His address is 2301 Central Ave.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

The literary and engineering classes of 1902 will hold a reunion on the campus on Alumni Day of Commencement week, June, 1907.

Walter C. Boynton, '02. is at present the editor of "Concrete," connected with the Concrete Publishing Co. Address, 35 Newberry Bldg., Detroit, Mich.

David E. Beardsley, '02, *'04m*, has changed his address from Allegheny, Pa,. to Cedar Rapids, Ia.

Arthur G. Brown, '02, is with the Chicago plant of the American Radiator Company. Address, 282 Michigan Ave.

Kenyon L. Butterfield. A.M. '02, was inaugurated as President of the Massachusetts Agricultural College on Oct. 17.

Owen J. Mink, '02, *'04m*, assistant surgeon in the United States Navy, is now stationed at the United States Naval Hospital at Yokohama, Japan. He was formerly at Guam, Ladrone Islands.

Henry J. Brown, Jr., '02, is manager of the New York office of the Crowell Publishing Co., of Springfield, Ohio.

Percy F. Matthews, *'98-'02*, is in the fire insurance business in Oakland, Calif.

Adelaide Gemberling, '02, A.M. '05, is teaching chemistry at Wells College, Aurora, N. Y.

Lyman E. Stoddard, '02, is financial edior on the Toledo Blade.

Ralph V. D. Magoffin, '02, is now at the American School of Classical Studies at Rome, Italy.

Mattie L. Waterman, '02, has changed her address from Redfield, S. Dak., to Kennewick, Wash.

Dan A. Killian, '02, is again in charge of athletics at the University of Louisiana, Baton Rouge, La.

Ernest S. Bates, '02, A.M. '03, is doing post-graduate work at Columbia University. His address is 511 W. 122d St., New York City.

Lawrence R. Waldron, A.M. '02, is superintendent of the Dickinson Sub-Experiment station at Dickinson, N. Dak. He is the father of a son, Heber Grafenstein, born Apr. 4, 1906.

Oscar W. Voedisch, '02, formerly at 250 Lincoln Ave., has moved to 1 California Terrace, Chicago.

Fred G. Dewey, '02, is practicing law with E. P. Smith under the firm name of Smith & Dewey, 601 Majestic Bldg., Detroit.

Benjamin C. Loder, '02, is attorney for the Legal Aid Society of New York, in charge of the East Side Branch.

George G. Damon, '02, is now at 5623 Madison Ave., Chicago, Ill.

Amy L. Broome, '02, is teaching at Schoolcraft, Mich.

Carl O. Kloepfer, '02, has removed from Leavenworth, Kans., to Plymouth, Ind.

John W. Woodhams, '02, has changed his address from Escanaba, Mich., to 2852 N. Western Ave., Indianapolis, Ind.

Raymond H. Pond, Ph.D. '02, may now be addressed in care of the New York Botanical Garden, Bronx Park, New York, N. Y.

Allen M. Broomhall, '02, should be addressed at 25 Broad St., New York City, instead of 63 Wall St., as before.

John E. Linabury, *'02e*, may be addressed at 1674 55th St., Cleveland, Ohio.

Ward A. Detwiler, *'02e*, has recently formed a partnership with John A. Bryant, *e'98-'00, c'01-'02*, under the firm name of Bryant & Detwiler. They are doing an engineering and contracting business and also handle the sale of the Johnson Corrugated Bar for reinforced concrete in lower Michigan and upper Ohio. They have offices at 307 Hammond Bldg.

Richard D. Clippinger, *'02m*, may be addressed at 127 E. Columbus Ave., Bellefontaine, Ohio.

Orlando H. Baker, *'02l*, is practicing law with the firm of Cooley & Hewitt, Bay City, Mich. Address, 217 Fifth Ave.

Charles F. Clyne, *'02l*, has been practicing at Aurora, Ill., with the firm of

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Murphy, Alschuler & Clyne, Mercantile Bldg.

Charles F. Clyne, '02*l*, is practicing in the Mercantile Bldg., Aurora, Ill., under the firm name of Murphy, Alschuler & Clyne.

Charles P. Dunbaugh, '02*h*, has changed his address in Chicago to 989 E. 53rd St.

Casriel J. Fishman, '02*p*, has changed cago, completing his medical work at Rush Medical College.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.
'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.
'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.
'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

Valerius T. Evans, '99-,00, may be addressed at Aberdeen, Wash., Box 824.

Anna N. Kremer, '03, who taught last year at Holland, Mich., is now teaching in the grades at her home, Detroit, Mich. Address, 415 Maple St.

Mary N. Wood, '03, (Mrs. A. N. Forrester), has a son, Lincoln Wood Forrester, born June 17, 1906, at Margaretville, N. Y., where Mr. Forrester has a pastorate.

Jennie Müllenbach, '03, has been appointed Professor of Modern Languages in Alma College for the coming year.

Thurlow E. Coon, '03, '06*e*, is with the American Locomotive Company of New Jersey, at Paterson, N. J. His address is 285 Summer St.

Marguerite G. Taylor, '03, is teaching at Henderson, Ky.

Cornelia A. Copeland, '03, A.M. '06, is now living at 150 W. Ferry Ave., Detroit, Mich.

Genevieve Imus, '03, A.M. '05, may be addressed at 113 State St., S. E., Minneapolis, Minn. She has been appointed Assistant to the State Chemist of Minnesota.

Mary F. Howes, '03, may now be addressed at 215 E. Franklin St., Portage, Wis., instead of Plymouth, Mich., as formerly.

Max R. Hodgdon, '03, of Birmingham, Mich., who taught last year in the high school and the county normal at Pontiac, Mich., is teaching Greek and Latin in Racine College, an Episcopalian institution for boys, at Racine, Wis.

Nathaniel E. Slaymaker, Jr., '03, is filling his second year as head of the Modern Languages at Princeton Preparatory School, Princeton, N. J.

Albert W. Dorr, '03, has removed from Holland, Mich., to 109 W. Burgess St., Mt. Vernon, O. He is teaching biology and chemistry in the High School.

Luis M. Perez, '03, A.M. '04, is in the Library of Congress, at Washington, D. C.

Hetty M. Taylor, '03, (Mrs. Oliver Coleman), who taught in Helena, Mont., 1903-5, was married August 17, 1905, and has been living since that time in Treherne, Manitoba, as the wife of a Methodist minister. She says that although the mercury does sometimes go down to forty below, the climate is so dry that it is not much worse than fifteen below near the lakes. The days she does not go for a ride are the exceptional.

Markham Cheever, '03*e*, is now with the Telluride Power Company at Ames, Colo., in the capacity of engineer in charge of design and construction of a five thousand horse power hydro electric power plant.

Born to Edgar L. Morrison, '03*m*, and Josephine Brown Morrison, '03, a daughter, Nov. 13, 1906. They may be addressed at Jackson, Mich.

Bertha M. L. Lypps, '03*m*, has changed her address from Memphis, Tenn., to Eastern Michigan Asylum, Pontiac, Mich.

Lawrence W. Smith, '03, *l*'03-'04, may be addressed at Ionia, Mich., where he is practicing law. He is in partnership with his father under the firm name of V. H. Smith & Son.

Max E. Neal, '97-'00, '03*l*, may be addressed at the Ramsdell Bldg., Manistee, Mich.

John A. Belford, '03*l*, has changed his address from Toledo, Ohio, to 406 S. Clay St., Frankfort, Ind.

Robert E. DeRan, '95-'96, *l*'00-'01, is at present city solicitor at Tiffin, Ohio.

Born to Mr. and Mrs. George R. Wilbur, '03*l*, of Wayne, Neb., a son. Mr. Wilbur was recently elected county attorney of Wayne County.

Norman P. Beebe, '03*l*, is located at Niles, Mich.

Samuel H. Davis, '03*l*, of Lansing, Mich., was elected circuit court commissioner at the recent election.

James J. Divine, '95-'98, '03*l*, is practicing at 1115 Harrison Bldg., Columbus, Ohio.

Leon P. Welch, '03*l*, is with the American Beet Sugar Company at Chino, Calif.

Mason B. Lawton, '03*l*, is in the employ of the U. S. Lake Survey. Address, Campau Bldg., Detroit, Mich.

Born to Mr. and Mrs. D. Ira Johnston, a son, who has been named David Copley Johnston. Mr. Johnston is a member of the '03*l* class, and is practicing law at Oklahoma City, Okla.

Norman H. Boardman, '03*l*, has recently located at Shabbona, Ill.

Carl H. Borgmeier, '03*d*, has removed from Petersburg, Mich., to Sault Ste. Marie, Mich.

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'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Dowagiac, Mich., Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.

G. Herbert Pound, '00-'03, now holds a responsible position as agency director of the New York Life Insurance Co., in Mexico. Address, Apartado 162 Torreon, Coah., Mex.

Sara G. Jones, '04, may be addressed at Hoopeston, Ill.

Harriet W. Bigelow, Ph.D. '04, may be addressed at Smith College Observatory, Northampton, Mass.

Charles V. Briggs, '04, '06*l*, has opened an office in the Heist Bldg., Kansas City, Mo.

Ralph S. Butler, '04, formerly manager for the Clark Teachers' Agencies, is now private secretary to the vice-president of the Herring-Hall-Marvin Safe Co., of 400 Broadway, New York City.

Geneive W. Clark, '04, has removed from Rockford, Ill., to 13 Exchange St., Freeport, Ill.

John L. Conger, '04, A.M. '05, has recently removed from Silver City, Iowa, to 445 W. Washington Ave., Madison, Wis.

Lena A. Barber, '04, may be addressed at 509 Capitol St., Yankton, S. Dak.

Louise C. Nichols, '04, has changed her address from Pasadena, to Ontario, Calif., care of F. J. Stoner.

E. Lenore Smith, '04, may be addressed at 23 Gladstone Ave., Detroit, Mich.

Louis B. Austin, '04, is spending his second year in Ogden, Utah, as principal of the high school.

Ida A. Dibble, '04 ,is teaching English in the Grand Rapids Central High School, Grand Rapids, Mich.

Rozilla A. Peters, '04, is in the actuarial department of the Pacific Mutual Life Company of Los Angeles, Calif.

Wilfred H. Haughey, '04, is practicing medicine at 15 E. Main St., Battle Creek, Mich.

Guy L. Wait, '04, A.M. '05, has removed to Lewistown, Mont.

On Aug. 11th, 1906, a daughter was born to Mr. and Mrs. Squire Fouch, 781 W. Wrightwood Ave., Chicago. Mr. Fouch is one of the '04 men with the Western Electric Company.

Clara B. Dunn, '04, may be addressed at Hurley, Wis.

Howard L. Schug, '04, A.M. '06, is now teaching at Superior, Wis. His address is 1303 Hughitt Ave.

Julia A. Haynes, '04, has changed her address from Sturbridge, Mass., to 720 Academy St., Kalamazoo, Mich.

E. Faith Cooper, '04, may be addressed at 24 Brainard St., Detroit, Mich.

Henry M. Tower, *e*'00-'04, has changed his address from 6252 Jackson Park Ave., to 260 E. 66th Place, Chicago.

Donald C. Waite, '04*e*, is with Westinghouse, Church, Kerr & Co., N. Y. City. His home is 17 Glenvale Ave., Yonkers, N. Y.

Allan T. Dusenbury, '04*e*, is now Treasurer and Manager of the Kalamazoo Novelty Co., and also Vice-President of the Duplex Phonograph Co. His address is 208 Rose St., Kalamazoo, Mch.

Harry P. Drake, '04*e*, has changed his address in Los Angeles, from 1227 W. 8th St., to 1622 Reid St.

John R. Mansfield, '04*e*, has changed his address from Bay City, Mich., to 15329 Center Ave., Harvey, Ill.

D. Ross Fraser, '04*e*, may be addressed at Oglesby, Ill.

Earle A. Forkner, '04*e*, has been transferred from Chicago to the New York office of the Western Electric Company. His address is 233 W. 128th St.

Harlow Lewis, '04*e*, is Superintendent of Building Construction for the Canadian White Co., Ltd., Sovereign Bank Bldg., Montreal, Can.

James F. Bourquin, '04*e*, is with the Lansing division of the Olds Motor Works, Lansing, Mich.

Ralph A. Vail, '04*e*, is in the Experimental Department of the H. H. Franklin Co., Syracuse, N. Y.

Frank C. Emerson, '04*e*, who has been engaged in a variety of engineering work in Wyoming since graduation, is now Field Assistant State Engineer, at Cheyenne. Address, Box 254.

Edward L. Hogan, '04*e*, is engineer in charge of heating and ventilating with the American Blower Co., Detroit. Address, 1096 Cass Ave.

William J. Matthews, '04*e*, is in the real estate business, 531 First National Bank Bldg., Chicago.

Earl A. Finkbeiner, '04*e*, who is with the Platt Iron Works, Dayton, O., has changed his address to 568 Arcade Bldg.

Birtram W. Ransom, '04*e*, is chief engineer for W. F. Kearns & Co., Boston, Mass. Address, 161 Devonshire St.

Walter B. Perry, '04*e*, is assistant superintendent of the Industrial Works, Bay City, Mich. Address, 1014 Birney St.

Robert R. Thomson, '04*e*, after spending some time in the Chicago office of the General Electric Co., is now in the Detroit office of the same concern.

Edward N. Walton, '04*e*, is with the Os-

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borne Engineering Co., Cleveland, O. Address, 64 Collins Pl.

Walter P. Stine, '04*e*, is now inspector of bridges for the three central provinces, Republic of Panama. Address, Aguadulce, Republic of Panama.

Edward A. Weiland, '04*e*, is now with the Vinton Co., general contractors, as chief engineer and manager department of masonry and concrete construction. Address, 19 Cottrell Ave., Detroit.

Charles A. Waring, '04*e*, has been for some time with the Packard Motor Car Co., Detroit. His address is 597 Champlain St.

John E. Evans, '04*e*, is assistant engineer for the Detroit River Tunnel Co.

Lester Kirchbraun, '04*e*, is now chemist for the city of Omaha, engineering department. His home is at 1046 Georgia Ave., Omaha, Neb.

Charles A. Fuller, '04*e*, is instructor of mechanical engineering in the University of Pennsylvania. He may be addressed at 3708 Spruce St., Philadelphia, Pa.

William M. Hogle, '04*e*, is now one of the firm of Champe & Hogle, mechanical and civil engineering, with offices, 710 The Nasby, Toledo, O.

Arthur Holmes, '04*e*, is in the experimental department of the H. H. Franklin Co., Syracuse, N. Y. Address, 210 Fitch St.

Morris A. Hall, '04*e*, is now with the Sheffield Car Co., Three Rivers, Mich., where he has been chief draftsman of the motor car department since April, 1906. His address is Box 103.

William T. Walker, '04*e*, has been for some time chief draftsman for the Tinkem Roller Bearing Co. Address, 607 W. Tuscarawas St., Canton, O.

William E. Post, '04*e*, is now with the Canadian Bridge Co., Walkerville, Can. His address is 376 Jefferson Ave., Detroit.

David Ross Fraser, '04*e*, has recently severed his connection with the Power and Mining Machinery Co., Milwaukee, and is now with the Chicago Portland Cement Co. Address, 1241 Washington Blvd., Chicago.

John A. Whiting, '04*e*, has been engaged as chief engineer for the North Platte and Encampment Canal Co., Encampment, Wy.

Walter T. Kneip, '04*e*, who is with the Olds Motor Works, Lansing, Mich., may be addressed at 315 Allegan St.

Thomas G. Gale, '04*e*, is now engaged in the lumber business at Bundy, Wis.

Frank N. Burns, '04*l*, has been with the largest legal firm in Chicago, Winston, Payne & Strawn, for the last two years. Address, First National Bank Bldg.

Charles G. Huse, '04*l*, has changed his address from 1415 Marquette Bldg., to 85 Rush St., Chicago.

Irving J. Dodge, '00-'01, '04*l*, may be addressed at Sidney, Mont. His former address was Glenburn, N. Dak.

Burton S. Wellman, '04*l*, is an attorney in the collection department of the National Cash Register Company, Dayton, Ohio. His city address is 36 S. Perry St.

Charles H. Pease, '04*l*, has removed from Cadillac, Mich., to Raymondsville, Texas.

Fred A. Baker, '04*l*, is in the War Department, at Washington, D. C.

Charles H. Hayden, '04*l*, of Lansing, Mich., was elected circuit court commissioner at the recent tlection.

William J. Hawbaker, '04*l*, who was recently elected county judge of Piatt county, Ill., has the distinction of being the youngest judge in the state. The law firm of Firke & Hawbaker at Mansfield, Ill., of which he was a member, has been dissolved, and Mr. Hawbaker has taken up the duties of his office at Monticello.

William W .Wright, '04*m*, has changed his address from Phialdelphia, N. Y., to the Buffalo State Hospital, Buffalo, N. Y.

Several members of the 1904 Law Class have not been heard from either directly or through others, and the new class directory will have to be delayed until there is a more adequate response from those who are delinquent in this respect.

Anyone knowing the addresses of the following will confer a favor on the class by informing the secretary at once: Allen, Andrew F.; Breining; Burrows; Crossman; Dibbs; Fitch; Harlan; Henan; Heil; Heston; Hooker; Liddell; Offield; Roots; Ullrich.

CHAS. D. SYMONDS,
Secretary '04 Law, Powers, Mich.

'05

'05. G. William Barnum, '05, 107 Humboldt Boulevard, Chicago, Secretary.
'05e. Ralph R. Tinkham, 579 Cass Ave., Detroit, Mich., Secretary.
'05m. Lewis H. Hector, 706 First St., Allegheny, Pa., Secretary.
'05l. Frank C. Cole, 323 1-2 Avenue C., Lawton, Okla., Secretary.

Harold O. Hunt, '05, removed last spring from Adrian, Mich., to Sandstone, Minn., where he is assistant cashier of the Sandstone State Bank.

Agnes L. Eaton, '05, has changed her address from Wahpeton, N. Dak., to 539 E. Main St., Ottawa, Ill.

Florence J. Freeman, '05, has changed her address from Boone, Iowa, to 908 22nd St., Rock Island, Ill.

Etta L. Salliotte, '05, is teaching mathematics at Charlotte, Mich.

George S. Burgess, '05, may be addressed at Brighton, Mich.

Word has been received that George N. Fuller, '05, received his master's degree at Harvard in 1906, and has entered upon his second year of post-graduate work at the

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latter university, specializing in American history under Professors Channing and Hart.

Joseph Y. Kerr, '05, formerly at 267 Flournoy St., has moved to 2132 Lexington St., Chicago.

Ethelbert W. Waldron, '05, has changed his address from Delta, Colo., to Santa Fe. New Mexico.

M. Marilla Johnson, '05, may now be addressed at 454 Cajon St., Redlands, Calif.

Mary A. Dann, '05, has removed from Westfield, N. Y., to 745 New St., Macon, Ga.

Mary Louise Smith, '05, may be addressed at 113 W. Buffalo St., Ithaca, N. Y.

Joseph H. Kempster, '05, is now in the employ of the Western Electric Co., Chicago, Ill., and may be addressed at 5517 Cornell Ave.

Alexander L. Trout, '05, is in Ann Arbor this year.

Abigail M. Gue, '05, who taught last year in the high school at Holly, Mich., is teaching in the seventh and eighth grades at Vulcan, Mich.

Anna C. Reding, '05, has changed her address from Hubbell to Rockland, Mich.

Walter S. Parsons, '05, may be addressed at the American Savings Bank Co., Caxton Office, Cleveland, O.

Elsie R. Wade, '05, has changed her address at Long Beach, Calif., to 803 Magnolia Ave.

Fred C. Strain, '05, '06*l*, is now connected with H. B. Lind & Co., mining brokers and fiscal agents, Goldfield, Nev.

Marjorie W. Dearing, '05, has changed her address from Indianapolis, Ind., to 604 Victor Ave., Victor, Colo.

S. Perry Wilson, '05, is general secretary of the Young Men's Christian Association of the University of Missouri, Columbus, Mo.

Augustus M. Johnson, '05, is now private secretary to State Senator W. Clyde Jones, and may be addressed at 810-100 Washington St., Chicago, Ill.

Zina L. Bliss, '05, B.S. (Kansas Agr. Coll.), is now with the Aurora Nursery Co., Aurora, Ill.

Richard R. Thompson, A.M. '05, is now in the life insurance business at Texarkana, Texas-Ark.

James Stokoe, '05*e*, has returned from Bas Matchin to Culebra, Canal Zone, care Supt. M. P. & M.

Daniel W. Kimball, '05*e*, is assistant engineer with the constructing firm of O. and W. Thum Co., Grand Rapids, Mich. Address, 93 Sheldon St.

Oscar E. Olson, '05*e*, is chief mining engineer, Gogebic Range mines, of the Oliver Iron Mining Co. His address is 707 Sutherland St., Ironwood, Mich.

William K. Wilson, '05*e*, has left the General Electric Co., Schenectady, N. Y., and has for some time had charge of the construction and operation of a power plant in Oelwein, Iowa. His address is 321 East First St.

Claude J. Fry, '05*e*, has changed his address to 43 Mill St., Grand Rapids, Mich.

Mortimer C. Nichols, '05*e*, has changed his address from Ambridge, Pa., to 7 Hall Ave., Lakewood, O.

Lawrence C. Whitlark, '05*e*, is in charge of the experimental department of the Foos Gas Engine Co., Springfield, O. Address, 35 W. Liberty St.

Donald D. Smith, '05*e*, is superintending the construction of the National Metropolitan Bank building at Washington, D. C., for the Thompson Starrett Co. Address, care of Thompson Starrett Co.

Walter D. Chase, '05*m*, who was an assistant at the University Hospital last year, may now be addressed at 501 Market St., Bethlehem, Pa.

Roy A. Brown, '05*m*, may be addressed at Boone Grove, Ind.

Ross M. Chapman, '05*m*, has removed from Watertown, N. Y., to Utica, N. Y., where he is connected with the state hospital.

Daniel E. Barnett, '05*m*, formerly of Ludington, Mich., is now practicing at New Hartford, Mo.

Frank T. Bennett, '05*l*, of Jackson, Mich., will be the youngest member of the next legislature.

Thomas H. Kingsley, '03, '05*l*, at the last election was elected county attorney for Miami county, Kan. His address is at Paola.

Claude A. Thompson, '05*l*, may be addressed at 176 Broadway, New York City.

Harvey L. Cavender, '05*l*, is now located at 101 Washington St., Chicago, Ill.

Rees H. Carr, '05*l*, formerly at Zion City, may now be addressed at 1565 Berenice Ave., Chicago.

Gordon W. Eatough, '05*p*, is now located at Cedar City, Iron Co., Utah.

'06

Dorothea R. Payne, '06, who made a special study of insurance mathematics, is at present in the actuarial department of the Pacific Mutual Life Company of Los Angeles, Calif.

Jane A. Cochrane, '06, is now living at 204 Lenox Apartments, Detroit, Mich.

Frederic W. Willard, '06, is now with the Western Electric Co., of Chicago, Ill. His address is 5517 Cornell Ave.

M. Pearle Campbell, '06, may be addressed at 227 Station St., Kankakee, Ill.

Charles Gatchell, '06, is studying at the

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Art Students' League, New York. His address is 51 W. 12th St.

Mary A. Hawley, '06, is teaching the sixth and seventh grades in the Gregory Institute, a colored normal school, at Wilmington, N. C.

Carl C. Kusterer, '06, has changed his address from Grand Rapids, Mich., to Owosso, Mich., care of Owosso Manufacturing Comnany.

Howard G. Armstrong, '06, is with the White Rock Water Company, at Waukesha, Wis.

Harry G. Houghton, '06, is at the head of the department of elocution at the Woodberry Forest School, Orange, Va.

Elsie L. Knapp, '06, may be addressed at Ida, Mich.

Harley K. Legg, '06, may be addressed at 803 Hammond Bldg., Detroit, Mich.

Robert M. Drysdale, '06, may be addressed at 410 Hammond Bldg., Detroit, Mich.

Joseph S. Kent, '06, may be addressed at 248 Park St., Detroit, Mich.

Harry E .Coughlin, '06, may be addressed at Big Rapids, Mich.

Earle M. Parker, '06, is teaching in the high school at Marquette, Mich. Address, 327 High St.

Mayme C. Sullivan, '06, is teaching at Frankfort, Mich.

Anna B. Newton, '06, is teaching at Grinnell, Ia.

Mame Weir, '06, may be addressed at 2045 Calumet Ave., Calumet, Mich.

Mary E. Morse, '06, has accepted a position as teacher of Latin and German at Niles, Mich.

Evangeline M. Morrisey, '06, is teaching history this year at Plymouth, Ind.

Anna Joseph, A.M. '06, is teaching in the Normal School, Normal, Ill.

Alice E. Reynick, '06, is teaching physics and chemistry at Bessemer, Mich.

Guy F. Bush, '06, is on the business staff of the Detroit Times.

Anna E. Workman, '06, has changed her address from 45 Parkwood Ave., Grand Rapids, Mich., to 314 Garden St., Three Rivers, Mich.

Virgil M. Kime, '06, holds a position in the actuarial department of the Michigan Mutual Life Insurance Company of Detroit. Mr. Kime recently took and successfully passed the first examination for admission as associate member into the Actuarial Society of America.

Katherine L. Klingel, '06, may be addressed at 305 Garden St., Three Rivers, Mich.

Lawrence R. Boyer, '06, is assisting in the physics department of the University of Michigan this year.

Irvin D. Goodwin, '06*e*, is with the Russell Wheel & Foundry Co., at Detroit, Mich. Address, 200 Hancock Ave.

Hugh J. Lumsden, '06*e*, is on the Michigan Central tunnel construction. His address is 81 Sibley St., Detroit, Mich.

Byram C. Trueblood, '06*e*, may be addressed at 1423 Cherokee St., Denver, Colo.

Ross D. Hildebrant, '06*e*, may be addressed at 964 Amsterdam Ave., New York City.

Edward J. Creighton, '06*e*, is with the Canadian Bridge Co., Walkerville, Ont.

Thurlow E. Coon, '03, '06*e*, is in the shops of the American Locomotive Company, Cooke Works, at Paterson, N. J. His address is 285 Summer St.

Carl E. Mensing, '06*e*, has secured a position with W. E. Goldman & Co., of Chicago.

Frederick E. Kneip, '06*e*, may be addressed at 1431 L St., Washington, D. C.

Harry M. Francis, '06*e*, is with the Western Electric Company, of Chicago. His address is 554 Jackson Blvd.

Dean B. Wilhelm, '06*e*, may be addressed at 108 So. 25th Ave., Omaha, Neb.

George D. Slaymaker, '06*e*, has accepted a position with Sanderson & Porter, engineers, of New York City, and may be addressed at 306 W. 56th St.

Ray F. Smith, '06*e*, may now be addressed at 3953 Michigan Ave., Chicago.

Frank R. Fowles, '06*e*, is in the testing department of the General Electric Company. His address is 14 N. Ferry St.

Maynard H. Salmon, *e*'02-'05, may be addressed at 734 S. Crouse Ave., Syracuse, N. Y.

Earl M. Gladden, '06*e*, is in the engineering department of the Northwestern Telephone Exchange Company, at Minneapolis, Minn.

Arthur T. Hunt, '06*e*, may be addressed at 3247 Vernon Ave., Chicago.

George W. Lamke, '06*e*, is now assistant to Professor Matthews in the Department of Electrical Engineering at Purdue University. His address is 433 Vine St., West Lafayette, Ind.

Edward G. Huber, '03, '05*m*, is now located at Martinsburg, Mo.

Norma B. Elles, '06*m*, is practicing in the Women's Hospital of Chicago, corner 32d St. and Rhoades Ave.

Alvin Waggoner, '06*l*, who has been assisting Professor Sunderland, has gone to Charleston, W. Va., as general manager of the West Virginia Credit Co.

Charles E. Smoyer, '06*l*, has his office at 808 N. Y. Life Bldg., Omaha, Neb.

Henry Slyfield, '06*l*, has offices in the Hammond Bldg., Detroit, with residence at 645 14th Ave.

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Paul C. Meyer, '06*l*, writes very encouragingly from Tulsa, Ind. Ter., where he has begun erecting a home and is building up a good practice.

Leroy Allebach, '06*l*, has opened an office in the Citizens Bank Bldg., Charleston, W. Va.

The '06 laws are well represented in Kansas City, Mo., by the following seven members: Robert P. Shorts, Joseph T. McGrew, Julian K. Davidson, Dell D. Dutton and Melancthon D. Pypes.

Marion Griffin, '06*l*, may be addressed at 162 Court St., Memphis, Tenn.

Blaine McCord, '06*l*, is practicing at 435 Lee Bldg., Oklahoma City, Okla.

Burton C. Rogers, '06*l*, formerly at Dundee, Mich., may now be addressed at 407 Palladio Bldg., Duluth, Minn.

James A. Allen, '06*l*, is practicing law at Keithsburg, Ill.

Reuben G. Hunt, '06*l*, is located in the law office of Garret W. McEnerney, 1277 Flood Bldg., San Francisco. His home address is 1420 Grand St., Alameda, Calif.

Adelbert R. Keller, '06*l*, is associated in the practice of law with the law firm of McCauley & Weller, at Tiffin, Ohio.

Rolla C. McMillen, '06*l*, and Clark A. McMillen, '06*l*, have recently begun practice at Decatur, Ill.

Herbert Hallenberg, '06*l*, is practicing law at Fargo, N. Dak.

Mabel H. Knapp, '06*h*, is now in charge of the Women's and Children's Dispensary, Cleveland, Ohio. Address, 1026 S. E. Webster Ave.

F. Winne Brown, '06*h*, has located at Rock Island, Ill. Address, 820 17th St.

Alfred E. A. Mummery, '06*h*, has opened an office at Fenton, Mich.

John D. Lafayette, '06*d*, is now practicing in Detroit, Mich., and may be addressed at 1365 Gratiot Ave.

Edward C. Stanton, '06*d*, is practicing at Martinsburg, W. Va.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1869. Samuel Edward Gillam, '69*m*, to Mrs. Clarrie E. Cowel, at Pontiac, Mich., Nov. 27, 1906. Address, St. Johns, Mich.

1898. Rufus Lee Weaver, '98*l*, to Sarah Smith Harbine, at Xenia, Ohio, Nov. 14, 1906. Address, Clairmont Ave., near Riverside Drive, New York City.

1899. Frank Ira Post, '99, to Lura M. Hunt, (Albion College), at Coldwater, Mich., July 25, 1906. Address, 67 E. Pierce S., Coldwater, Mich.

1899. Charles Augustus Riegelman, '99, to Lillian Ida Ehrich, (Smith Coll.) '04, at New York City, Apr. 14, 1906. Address, 311 W. 97th St., New York City. Irving W. Riegelman, '99, was best man.

1900. Clara Dorothy Stonebraker, '00 to Howard Bayne at Elmwood, Ill, Aug. 16, 1906. Address, Ottawa, Ill.

1901. Waldo Botsford Bach, '97-'98, to Mabel Stacey, at La Grande, Oregon, Sept. 20, 1906. Address, Imbler, Union Co., Oregon.

1902. Isabel Grace Gay, '02, to George Edward Cryer, '03*l*, at Los Angeles, Calif., Sept. 5, 1906. Address, 2344 W. 21st St., Los Angeles, Calif.

1903. Mary Louise Boynton, '03*p*, to Gilbert Ray Haigh, '05*e*, at Port Huron, Mich., Nov. 20, 1906. Address, Port Huron, Mich.

1903. Henry Burton Grimes, '03*m*, to Mary Piper, at Garden City, Minn., Oct. 19, 1906. Address, Lake Crystal, Minn.

1903. George Edward Cryer, '03*l*, to Isabel Grace Gay, '02, at Los Angeles, Calif., Sept. 5, 1906. Address, 2344 W. 21st St., Los Angeles, Calif.

1903. Anna Stukey, '03*d*, to Albert Egly, at Manchester, Mich., Oct. 17, 1906. Address, Grabill, Ind.

1903. Peter Stukey, '03*d*, to Clara C. Wuerthner, at Manchester, Mich., Oct. 17, 1906. Address, Auburn, Ind.

1904. Grant D. Bradshaw, '04*e*, to Edith Carter, at Decatur, Ill., Oct. 31, 1905. Address, 116 Mound St., Joliet, Ill.

1904. Leon A. Paddock, '04*e*, to Nellie Hare, at Washington Court House, Ohio, May 23, 1906. Address, McCall's Ferry, Pa.

1905. Sarah Blanch Weston, '05, to G. E. Bushnell (Colo. Agr. Coll.), at Fort Collins, Colo., Oct. 14, 1906. Address, Deuel, Colo.

1905. Gilbert Ray Haigh, '05*e*, to Mary Louise Boynton, '03*p*, at Port Huron, Mich., Nov. 20, 1906. Address, Port Huron, Mich.

1906. Robert Burton Edmonson, '06*l*, Ph.

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B. (Des Moines), to Mildred Dunning, Ph.B. (Des Moines), at Knoxville, Iowa, Aug. 14, 1906. Address, Billings, Okla.

1906. Charles Cornel Moore, '06*l*, to Laura Leffingwell, at New York City, July 11, 1906. Address, Cheyenne, Wyo.

1906. Leo Josephus Crum, '06, to Minnie Shorr, at Kalamazoo, Mich., Oct. 24, 1906. Address, Kalamazoo, Mich

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NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department

1861. Hiram Rollin Mills, A.B., A.M., '66, M.D. '66, d. at Grand Rapids, Mich., Nov. 29, 1906, aged 69.

1897. Louise Bradford Swift, A.M., A.B. (Wellesley) '90, (Mrs. Walter Robbins,) d. in St. Louis, Mo., Dec. 1, 1906, aged 38. Buried in Elmwood, Detroit, Mich.

1898. George Curtis Shirts, Ph.B., d. in Chicago, Ill., Nov. 23, 1906, aged 30. Buried at Grand Rapids, Mich.

Medical Department.

1867. Fred Walter Fanning, d. at Butler, Ind., Oct. 26, 1906, aged 65.

1878. Asa Lapham Blanchard, d. at Highlands, N. C., Oct. 26, 1906, aged 59. Buried at Farmington, Mich.

1894. Clark Randolph Willcoxson, d. at Ysilanti, Mich., Nov. 13, 1906, aged 36. Buried in Elmwood, Detroit, Mich.

Law Department

1862. Albert Eugene Cowles, *a*'59-'60, d at Los Angeles, Calif., Nov. 23, 1906, aged 70. Buried at Lansing, Mich.

1868. Alden Herbert Gillett, A.B. (Wittenberg) '65, A.M. (*ibid.*) '68, d. at Springfield, Ohio, Oct. 23, 1904, aged 63.

1875. Thomas Francis Shields, d. at San Antonio, Texas, Nov. 13, 1906, aged 60. Buried at Fowlerville, Mich.

1880. Myron Hela French, d. at Denver, Colo., July 13, 1906, aged 51.

1902. Edward Williams Amsden, d. at Nogales, Ariz., Nov. 23, 1906, aged 27.

1905. Harry Augustus Dickey, d. at Battle Creek, Mich., Oct. 25, 1906, aged 25.

School of Pharmacy.

1887. Herman Louis Barie, d. near Mt. Clemens, Mich., Nov. 19, 1906, aged 43. Buried at Detroit.

NON-GRADUATES

Charles Henry Carter, *m*'50-'51, d. at Kalamazoo, Mich., Jan. 1, 1906, aged 81.

Samuel Lord Chambers, *a*'96-'98, d. at Fort Atkinson, Wis., Oct. 27, 1901, aged 22.

Joseph Walker Cooper, *m*'81-'83, M.D. (Jefferson) '84, d. at Wheeling, W. Va., Oct. 28, 1906, aged 44.

Charles Lawrence Davis, *m*'72-'73, d. at Eau Claire, Wis., May 15, 1906, aged 52. Buried at Henry, Ill.

Reuben C. Dunnington, *m*'72-'73, M.D. (Indiana) '74, d. at Indianapolis, Ind. July 20, 1906, aged 55 .

John Ross Frazer, *e*'05-'07, d. at Ann Arbor, Nov. 25, 1906, aged 23. Buried at Geneseo, N. Y.

Milton Gill Hatcher, *m*'61-'63, d. near Dorsey, Ill., Oct. 12, 1906.

Rinaldo Perry Hazzard, m'52-'53, M.D. (Vanderbilt) '86, d. at St. Anthony's Hospital, Louisville, Ky., Oct. 18, 1906, aged 78.

Samuel Lindermuth Herr, *l*'69-'70, d. at Dayton, Ohio, Nov. 29, 1901, aged 62.

Julius Augustus Morris, *m*'68-'69, M.D. (Rush) '70, d. at Kent, Ohio, Nov. 12, 1906, aged 58.

Alvin Holthe Nelson, *e*'01-'04, '05-'06, was drowned at Holland, Mich., Nov. 21, 1906, aged 22. Buried at Muskegon, Mich.

Daniel Peter Nichols, *a*'65-'67, d. at Beloit, Wis., June 2, 1904, aged 58.

James Theodore Reeve, *m*'53-'54, M.D. (Castleton) '54, M.D. (Jefferson) '55, A.M. (Ripon) '82, d. at Appleton, Wis., No. 4, 1906, aged 72.

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Ernest Amasa Rust, *e*'04-'07, d. at Ann Arbor, Nov. 16, 1906, aged 21. Buried at Owosso, Mich.

†John Leslie Shepard, *m*'63-'64, M.D. (Rush) '65, d. at the National Soldiers' Home, Milwaukee, Wis., Aug. 17, 1906, aged 71. Buried at Sheboygan Falls, Wis. He was assistant surgeon 32nd Wis. Inf., 1865.

Joseph Harry Stonehouse, *h*'04-'06, d. in Chicago, Ill., Nov. 17, 1906, aged 23. Buried at Escanaba, Mich.

OBITUARIES

ASA LAPHAM BLANCHARD, M.D.

Asa Lapham Blanchard, M.D. '78, was born Oct. 14, 1847, in Farmington, Oakland County, Mich. After acquiring a good education, he taught for several years and was largely instrumental in building up the High School at Mackinac Island where he taught for some time. Afterwards he entered the University of Michigan and was graduated with he medical class of '78. He began his medical practice in Midland, Mich., afterwards going to St. Clair, where for a time he was superintendent of a Sanitarium. Fourteen years ago he came to Northville where he continued his professional work. He had traveled quite widely in the United States and was a man of broad culture and intelligence. He was for some years a member of the school board and also of the Pension board till his death. He had been twice married, but never had any children.

A few months ago he began failing in health and started south for treatment, arriving at The Highlands, North Carolina, where he died four days later, Oct. 26th, 1906. His body was brought back to his childhood home and buried beside his father and mother at Farmington, Mich.

JOHN FLETCHER JENKINS

John Fletcher Jenkins, whose obituary was recorded in the last ALUMNUS, died suddenly at his home at Tecumseh, Mich., of heart disease, Oct. 12, 1906, aged 72 years. He was graduated from the University of Michigan in the Medical Class of 1866, and has been an active and successful practitioner since graduation. He was a member of the Michigan State and American Medical Associations; of the Tri-State Medical Society; a member, and once vice-president, of the Southern Michigan Medical Society; and a member of the American Public Health Association. He was appointed delegate on the part of the United States to the International ference for the Prevention of Venereal Diseases, held at Brussels in 1899. He is survived by his wife and three children.

BOOK REVIEWS

RAILROAD RATE CONTROL

It will be quite impossible to give any adequate idea of this able study in brief space. It is a closely reasoned argument supported by quotation and discussion of judicial decisions and should be read carefully to be appreciated. A simple statement of the object of the study, the line of argument followed, and the conclusions reached must here suffice.

The subject discussed is the relation of the courts to state railroad commissions endowed with the rate-making power, and the questions considered are the effect of judicial decision and doctrine upon the efficiency of these commissions, and the possible ways of escape from the present predicament.

The so-called Minnesota case in 1890 in which the court applied to a rate case the doctrine of the Fourteenth Amendment, that a state cannot deprive a person of the equal protection of the laws, or of property without due process of law, is declared by the author to be a turning point in American railroad law, a practical reversal of the opinion of the court in the Granger Cases, a renunciation of the doctrine that the judgment of the legislature binds the courts as well as the people, "new law freshly made out of whole cloth". Since then the doctrine of judicial review has undergone steady development at the hands of the court, the author's contention being that the underlying basis of all the decisions is not, as most persons have assumed, the doctrine of "reasona-

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bleness", but rather that of "due process of law" as involving just compensation for depriving of property. Hence the question before the court in a given case has been, Do rates deprive of property, without just compensation, and thereby violate the Fourteenth Amendment? An answer to this question involves an investigation by the court of the relation of rates to earnings, and the analysis by the author of the court's procedure in cases of this character is the most fruitful portion of his study. He shows clearly how unfamiliar the court is with the traffic side of the railroad question. For example, in Smyth vs. Ames, the court based its conclusion that the rates prescribed by the Nebraska Railroad Commission were too low, upon a consideration of past business with which the new rates had obviously nothing to do; it assumed that a reduction in rates would effect a corresponding reduction in gross earnings; and it separated completely local from through business and freight from passenger traffic.

Furthermore, the power of a state to make its rates effective has been seriously impaired by the employment of the temporary injunction, which has a decided tendency to become permanent, and which is a device that is inappropriately applied to rates made by public authority which have the standing of acts of the legislature. The conclusion is that by reason of the length to which the Supreme Court has carried the doctrine of "due process of law" sustained in many cases by reasoning economically unsound, and by reason of the fact that judges by training and inheritance have shown in their decisions an undue regard for the rights of private property, and an inadequate conception of and demands of public welfare, commissions have been paralyzed in will as well as in power. I am in hearty agreement with this conclusion, and I feel that it is a fair statement that throughout the history of railroad rate regulation, the enforcement of the public will so far as it has been the subject of judicial interpretation, has been in the hands of its enemies, and that this has furnished a real incentive to the railroads to resist all attempts to regulate their rates. However I am unable to follow the author in his contention that the only explicable reason for resistance to rate regulation by the railroads is the fact that their rates are unreasonably high. Railroads have had sad experience with many commissions chosen for almost any other reason than their fitness for their duties, and they might well resist to the utmost the possible consequences of ignorant and misdirected zeal.

In the discussion of remedies, the author dismisses as impracticable any overthrow by constitutional amendment of the basis for existing judicial reasoning, and suggests as a palliative merely that commissions shall put rates into effect leaving to the railroads the privilege of suing the state for compensation in case they shall be found, after adequate trial, to be unreasonable. He also intimates that those entrusted with the enforcement of rate statutes might well be more zealous in presenting in a convincing manner to the court the arguments based on sound economic reasoning and the demands of public welfare.

Dr. Smalley's work is by far the best study that has been made on the legal side of the rate problem. His remedies are reasonable and practicable and deserve the attention of state legislatures.

FRANK HAIGH DIXON, '92.

Railroad Rate Control, by Harrison Standish Smalley, Ph.D. Publications of American Economic Association, May, 1906. pp. vi+146.

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Well, the same thing holds true of the diaphragm of a phonograph.

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Compare the volume of sound produced by it with the volume of **any** other—no matter what its price—and hear for yourself.

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The tension spring used in the old style reproducers to jerk the diaphragm back into position each time it vibrates, by its jerking pull **roughens** the fine wave groove in the record, and that causes the **squeaking,** squawking, harsh, metallic sound that sets your teeth on edge when you hear the old style phonograph.

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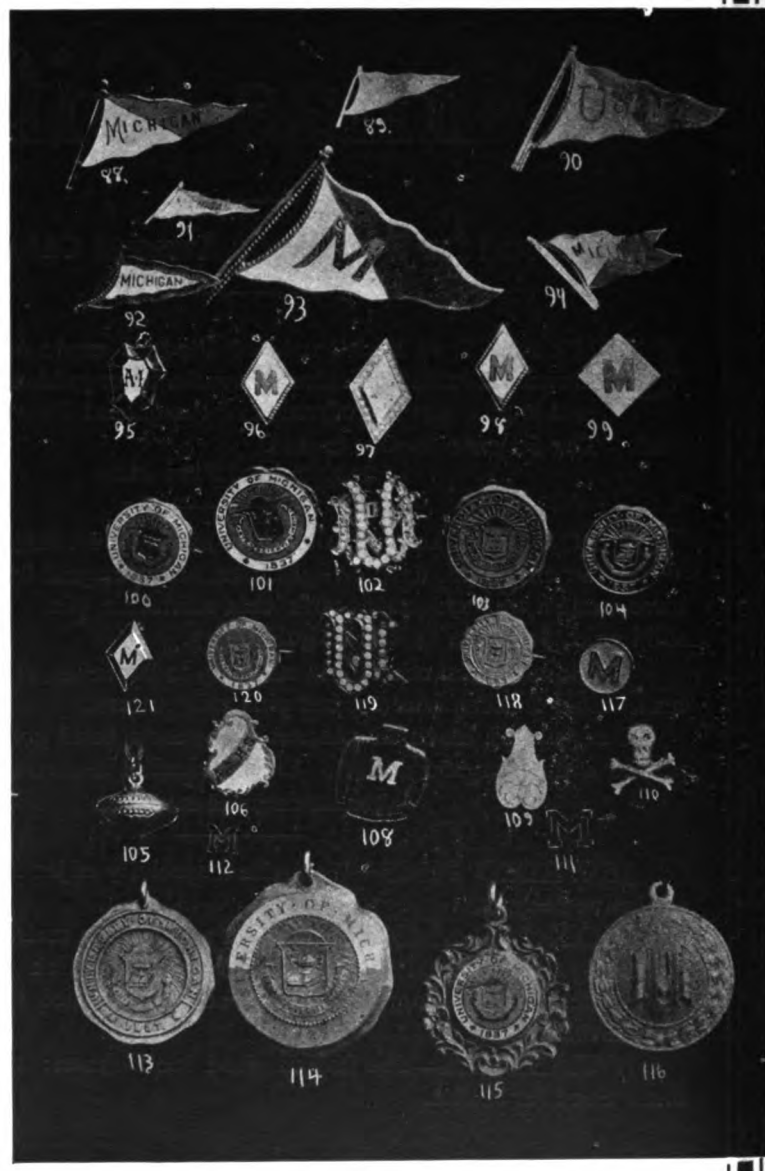

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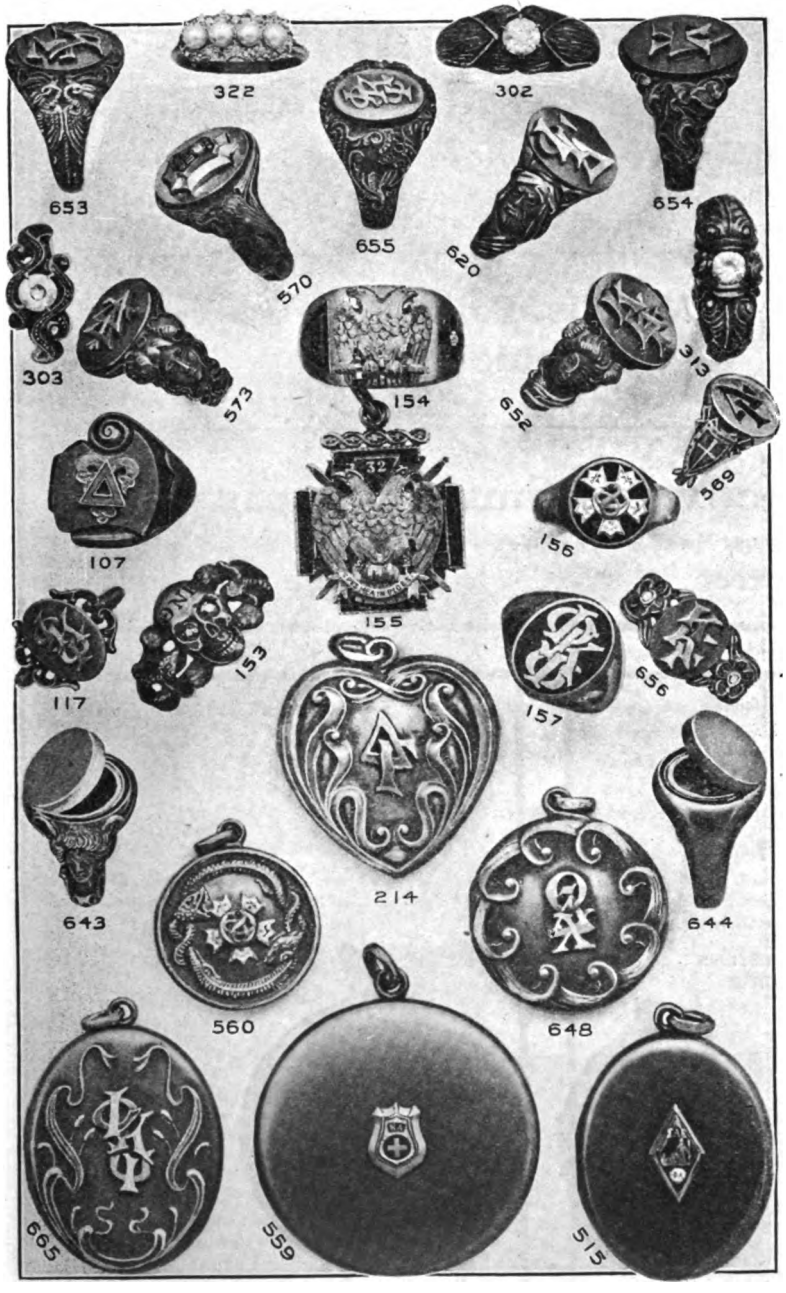

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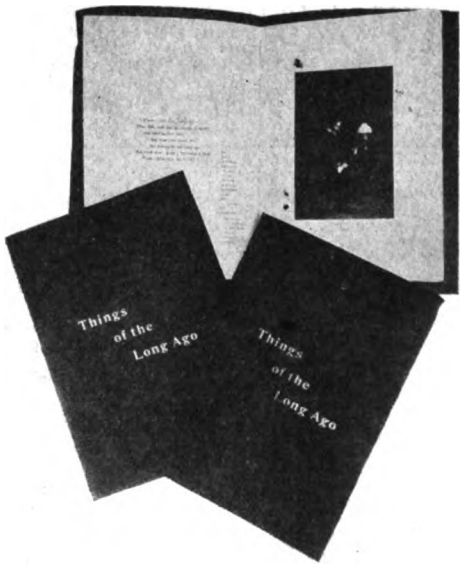

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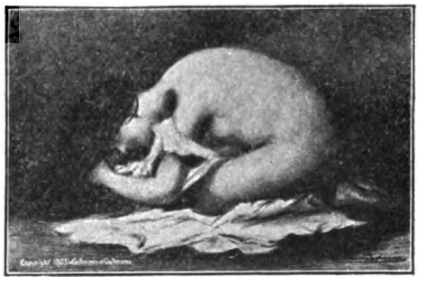

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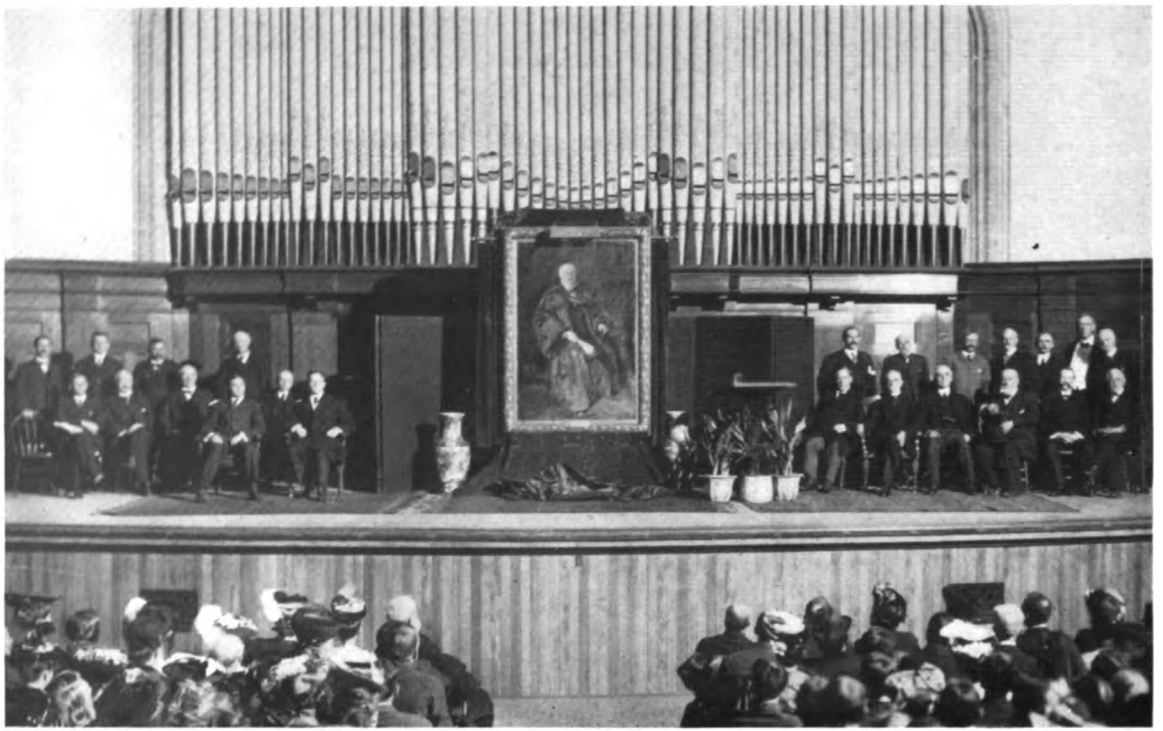

THE PRESENTATION OF THE NEW PORTRAIT OF PRESIDENT ANGELL

SATURDAY, DECEMBER 8, 1906

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THE MICHIGAN ALUMNUS

VOL. XIII JANUARY, 1907 NO. 120

EVENT AND COMMENT

AN OPPORTUNITY FOR ALUMNI

Now that the University has come to have almost 5,000 students, the necessity for a larger income is becoming imperative. The desirability of a larger appropriation for buildings, equipment, and salaries has often been pointed out, but it is very difficult to realize just how acute this necessity has become, unless one has been in Ann Arbor the last few years, and has become acquainted with actual conditions. ¶ Almost within the last ten years the numbers in attendance have doubled. According to the calendars, the actual figures for 1890, are 2,153 students, and for 1897, or just ten years ago this coming June, 2,975 students. The present year we shall have a total of 4,800 at least, and it is more than probable that it will be 5,000 in another twelvemonth. Since the quarter mill tax was granted in 1899, the number of students has increased 1,600, or about 33 1-3 per cent. ¶ Michigan is now the third largest University in the United States, exceeded in numbers only by Harvard and Columbia, and possibly by the University of Chicago, if her immense summer school be counted. Yet Michigan offers her advantages at a rate of tuition very much lower than any other large University in the country; and, in addition, these rates are considerably lower for the students who come from the State of Michigan. Although Michigan has been the acknowledged model for all the neighboring state universities, they are rapidly surpassing her in the number and the beauty of their buildings, in their equipment, and also in certain branches of their teaching force. They have not as yet, however, surpassed her in the number of students, or in actual efficiency, but it is, of course, apparent that if the University continues its phenomenal growth, with no increase in income, it must lose the position it has always occupied. Once this has happened, it will be almost impossible for Michigan to regain what has been lost. ¶ It is with a realization of these facts that the Regents are to ask this year for a substantial increase in income from the State Legislature. In this effort the friends of the University can do a great deal in an educational way, and by dropping a word here and there, where it may sow a seed. Many do not realize what the University is doing and what it has accomplished in the past, simply because they have had no reason to think about the matter, or know about it. It is an excellent opportunity for missionary work on the part of every alumnus in the State.

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A GREAT DAY FOR MICHIGAN

On other pages will be found accounts of the presentation of the new portrait of President Angell to the University and the Union banquet, held on the evening of the same day. It should not take much reading between the lines to see what a great occasion it was for the University. Many alumni came back for the day and the Regents made it the date of their December meeting. ¶ The exercises of the afternoon were simple, but thereby doubly impressive. One was made to feel the real significance of the University, and to take a new pride in her achievements. The banquet in the evening was a fitting close to a day historical in the life of the University. It gave us an opportunity to throw aside the unavoidable petty questions of University life, in which we must needs be always involved, and we were conscious for once of a proper perspective, one that enabled us to sit back and obtain a comprehensive view of the essential greatness of our Alma Mater. ¶ It was a review for which we were all grateful. One's vision was clarified and we gained a broader conception of our ideals. The presentation of President Angell's portrait in the afternoon with its messages of respect and affection from the whole country, and the early announcement in the evening, of the purchase of the old home of Judge Cooley by the Union, gave us a glimpse into a happy future; and the earnestness and enthusiasm of all the speakers touched the proper chord in everyone's heart. The fact that the enthusiasm at the banquet was in no way factitious, spurred on by athletic victories, but depended only upon the very real interest that everyone had in the University itself, and in the Union, was deeply significant, as was also the attendance of so many alumni, and so many members of the Faculty.

"MICHIGAN" AND "COLLEGE" SPIRIT

There is one expression that has been of late upon the lips of everyone, which THE ALUMNUS feels is somewhat unfortunate. It is difficult to explain why we are not in sympathy with it, unless, perhaps, it is because it is a matter of sentiment; a subject upon which one must feel, rather than give any direct expression in words. There are always some things in college life that tend to disturb the cloistered calmness of one's meditations. And of these the shrill insistence that we have noticed for the past year or so upon "Michigan spirit" has been one. ¶ In the first place, why call it insistently "Michigan spirit," to set us apart from the broader ties of the great fraternity of University men? Is not "college spirit" a better and a broader expression of the feeling that brings us into closer touch with our brethren of other universities? Does the sentiment differ anyway, except possibly in degree, from the attitude of the student and graduate of any other college toward his alma mater? Still, after all, it is a minor matter under what name this sentiment goes. It matters more that we have it, though it does seem to THE ALUMNUS that "college spirit" is a broader and nobler title. ¶ Whatever its appelation, however, one is disposed to think that we have been too conscious of the thing itself. There was a time, not so very long since, when we felt the necessity of arousing a definite and self-conscious sentiment of this sort, and in the course of things, it was quite necessary that we talk about it. But the time for that has passed. The spirit that we are talking about should pro-

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perly express itself in actions, not in words; it *must,* if it is the real thing, We should make it the subject of remark from those on the outside, rather than from those who belong to the great Michigan family. That is why this continual talk of Michigan spirit, or, sometimes, better, college spirit, seems a little *mal a propos.* It gives one the feeling that after all it may not be of the right sort. ¶ Frankly, is it not better to show this sentiment by giving a subscription to the Memorial Committee or to the Union, or to the new portrait of the President, or in taking a new interest in college activities, or toward making a better *Inlander,* or a better *Daily,* rather than in sitting around and ruminating self-consciously and perhaps a little priggishly upon the subject? We were well pleased that at the Union banquet most of the speakers, it seemed to us, took college spirit and Michigan spirit for granted, and that the attendance at the banquet and the enthusiasm shown expressed far better than words could possibly have done, the very feeling in question.

AS IT MIGHT HAVE BEEN

It's great fun, as we all know if we are gifted with an imagination, to wander off once in a while on a train of "ifs." We sometimes land in a country of delightful dreams. The great disappointment is that they are always too good to be true. For instance, if certain serious minded individuals—they must have been portentiously serious minded—some eighty years ago, had had a glint of poetry in their souls, or, what is perhaps the same thing, a prophet's vision—things too rare anywhere, perhaps, to be accepted in the backwoods of Southern Michigan —if, then again, they had been gifted with a vague dream of what a certain University was to become within the span of one man's life, what wonders might we not be enjoying now. ¶ If instead of settling the University upon the flat top of a hill in the woods a mile or so away from the little hamlet of Ann Arbor, they had established it across the river, placing it upon the sloping hills that line the Huron in the vicinity, perhaps, of the present Boulevard, what a site for the University that now is, would that have been. It might have been done so easily, and what opportunities for beautifying the University it would have given to generations of future architects and landscape gardeners. Now we can only dream of Cornell, high on the hills above Lake Cayuga, Wisconsin over Lake Mendota, and the University of California away up, upon a sloping mountain side facing the Golden Gate. The Huron Valley might have been comparable with these.

A DREAM FOR THE FUTURE

But we may still dream dreams. The University is young yet, and certainly it is bound to grow. The University ideal is taking a broader hold upon the American people, and it has been prophesied that the Middle West is sometime to be the greatest educational center of the country. The University quite possibly, nay probably, shall grow far beyond its present limits. It is rather discouraging to think of a University twice the size of the present institution crowded onto the little Campus and wedged in among the thickly packed houses and stores. Is it not quite conceivable that the day may come when it will be necessary to move some of the present departments off the Campus entirely, and make room for others? Then will come an opportunity that we hope some wise men of the future may see and act upon.

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THE ADVANTAGES OF A CLUB HOUSE

One of the toasts at the Michigan Union banquet Dec. 8 was by Frank Haigh Dixon, '92, Professor of Economics at Dartmouth College, on the Dartmouth College Hall. During the course of his toast he read a communication from one of the students of Dartmouth, to whom he had entrusted the question of estimating the actual student sentiment toward the College Club at Dartmouth. In response to this request Mr. Dixon read the following letter, which was submitted by the editor of *The Dartmouth*, the official weekly newspaper of the undergraduates of Dartmouth College:

My dear Mr. Dixon:

I have the pleasure to submit, in response to your request as to what in the undergraduate mind constitute the chief benefits of the College Club, the following answer. I interviewed the twelve, in my opinion, most representative men in the Senior class, and find that the four benefits, below enumerated, are generally thought to result from the influence of the College Club.

1. The College Club by furnishing a common and equal meeting place for men of all fraternities and for men of no fraternities has mollified fraternity spirit, intensified college spirit, and made cliques virtually impossible. Twice to my knowledge cliquish class societies have been formed, and in both cases the undergraduate attitude was so hostile towards them that they were immediately disbanded.

2. The College Club serves as a great fraternity for the non-fraternity men. On any Wednesday night, the night fraternity meetings are held, you will find a large majority of the non-fraternity men at the Commons.

3. The College Club by its Saturday night concerts, smoke-talks, and other entertainments holds a large number of men in Hanover who would otherwise, as in the past, visit adjoining towns. It is, in my judgment, due largely to this influence that intemperance and other dissipations have become so rare in the last four years.

4. The College Club fulfills an all important social function in the life of the college. It has become practically the main office for all undergraduate activities, such as song practice, mass meetings, board meetings, and the like.

Very sincerely yours,
GEORGE H. HOWARD.

MEN OF SCIENCE AT MICHIGAN

In the series of "Statistical Studies of American Men of Science," by Professor J. McKeen Cattell of Columbia, published in three of the recent numbers of *Science*, appeared some figures which are of especial interest to Michigan readers. The first of the papers deals with the selection of the one thousand men of science, which have been chosen for consideration, while the second deals with the measure of scientific merit of these men. Professor Cattell employs some very ingenious methods which he explains in detail, to arrive at the first thousand men in this tabulation, and to assign them to their exact place in the comparative rank. The total number is divided into ten different groups of one hundred each, giving roughly ten different degrees of merit. The method pursued by Professor Cattell in arriving at this estimate was to ask the leading men in every science all over the country to give a list of those prominent in his own branch in the order of their merit. These requests were quite generally

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complied with. The results obtained were carefully tabulated and compared in various ways. To the average reader the most interesting portion deals with the geographical distribution of these scientific men. The relative position of the state of Michigan and the University of Michigan, in comparison with other states and colleges has perhaps a special interest for Michigan alumni.

The tables are divided in the first place into two groups of five hundred each; the first giving the more distinguished half, the other giving those less distinguished. Of the one thousand, Michigan has given birth to twenty-seven, twelve in the first rank and fifteen in the second; she has at present, "thanks to her great University," twenty-two men in the first group as compared with five in the second, or twenty-seven still living within the state. While Michigan cannot hope to compare, of course, with some of the Eastern states, yet on the percentage basis the figures are far from disappointing. The percentage of births per million in 1860 was 36, excelled only by Wisconsin, 45.1, among the North Central and South Central states. Illinois had a percentage of 24.5, Ohio, 32.1, and Indiana, 20.7. Of the Eastern states Massachusetts leads with a percentage of 108.8 births per million. But another set of figures giving the percentage of residents within the states in 1900 has a greater significance possibly. For instance, of the North Central and South Central division Michigan divides honors with Wisconsin at 11.1 per cent, excepting Illinois, which has a percentage of 13.1, per million inhabitants. Comparing these figures with the percentage of birth rates, many of the New England states have fallen off decidedly, not only in percentage but in the total number of men residing there. For instance, Maine has given birth to twenty-nine and now has but four. One hundred thirty-four have been born in Massachusetts and one hundred and forty-four live there at present. The present percentage of residents for Massachusetts of 51.3 is the largest in the country, with the exception of the District of Columbia, which has been raised to the enormous proportions of 426.9 because of the comparatively small population of the District of Columbia and the large number of scientists there in the employ of the government. Connecticut is next to Massachusetts with a percentage of 47.3. New York is third with a percentage of 26.4. These percentages in these states, of course, are due largely to the universities and colleges within their borders.

In the list of cities in the United States, classified according to the residence of these men of science, Ann Arbor comes tenth, with twenty in the first group and five in the second. Washington and Greater New York head the list with 119 each. Although Philadelphia, Boston, and Ithaca all lead Ann Arbor in their total number, Ann Arbor leads these all, by six in the first two cases, and three in the last, in the number of scientists of the first group.

Michigan is eleventh in the list of institutions at which these one thousand men are now working, the list being led by Harvard with a total of 66.5 men (the 0.5 is used in case of a professor emeritus, or one who gives only part of his time to an institution); Columbia has 60; Chicago, 39; Cornell, 33.5; United States Geological Survey, 32; United States Department of Agriculture, 32; Johns Hopkins University, 30.5; California, 27; Yale, 26.5; Smithsonian Institution, 22; Michigan, 20. The Massachusetts Institute of Technology, Wisconsin, Pennsylvania, Leland Stanford, Jr., and Princeton follow more or less closely.

The figures of attendance of these men of science at various institutions

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are somewhat gratifying to Michigan men, for, with the exception of Harvard and Yale, Michigan has graduated more bachelors who have become eminent in scientific pursuits in later years, than any of the other colleges, Harvard graduating one hundred and six, Yale fifty-two, and Michigan thirty-five. Of these thirty-five, twenty-three are in the first group. In graduate work, however, Michigan has fallen behind Harvard, Johns Hopkins, Yale, Columbia, Cornell, and Chicago, so that our total number of graduates in the end is only fifty-three as against 237 of Harvard; 171, Johns Hopkins; 93, Yale; 78, Columbia; and 74, Cornell. These figures of course do not take into account the many who have taken degrees in foreign institutions. If a table giving the American colleges represented abroad were given, Michigan would doubtless stand well toward the top. In a table giving the institutional origin of the men who have pursued graduate studies in different sciences it is shown that Johns Hopkins has excelled relatively in chemistry, physics, zoology, and physiology, Harvard in zoology and botany, Columbia in zoology, botany and mathematics, Cornell in physics and botany, Clark in psychology, and Michigan in botany and pathology. Of the foreign universities Berlin has excelled in physics, Leipsic in psychology, and Göttingen in chemistry and mathematics. The total also shows that men are more likely to pursue graduate studies and to take the doctor's degree in some sciences than in others. Of the 50 psychologists 35 have received the doctor's degree from the institutions given in the table, and of the 150 zoologists 90 have received it, whereas only two of the 25 anatomists and only five of the 60 pathologists have received a non-technical higher degree from these universities.

THE THIRD ANNUAL UNION DINNER

The third annual dinner of the Michigan Union, held in Waterman Gymnasium, Dec. 8, was really the first that has been an unqualified success. Everything was as it should be. The dinner was good; it was served hot and on time, and the speeches were few and excellent. Waterman Gymnasium was completely filled with the nine hundred odd guests, yet everyone was able to hear the songs and speeches; and though the post-prandial part of the festivities extended a little into the wee small hours, no one noticed the passing of the time. In view of the experiences of former years, the fact that the dinner was served exactly on time was in itself no small achievement.

The arrangements which had been made by the committee in charge for caring for the immense crowd were complete. When the doors were opened at 8:15 from Barbour Gymnasium into Waterman Gymnasium where the tables were spread, there was no rush; lines had been formed previously and everyone filed into his seat within a very few minutes to find the oyster course already served and waiting. Other arrangements were as perfect. A check room had been provided for all hats and coats and the perfection of the arrangement elicited the comment from one member of the Faculty that the "person who conceived the idea of drilling those fellows beforehand so that they could go right to their numbers on a run is a genius." This comment was made in view of the fact that all the nine hundred guests had their hats and coats and were out of the building in less than fifteen minutes and illustrates the pains taken in minor matters by the committee.

The dinner itself was a good square meal of four courses, served excellently, with a whole half

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spring chicken, hot, for everyone. The Gymnasium was decorated in the usual Yellow and Blue; festoons of bunting hung across from gallery to gallery, while Michigan banners and pennants were arranged around the sides. Immense piles of fruit formed the principal decorations of the tables, which, with the exception of the long speakers' table in the center at the north side, were laid across the room. During the whole banquet an excellent eighteen-piece string orchestra played in the balcony.

After the banquet, which lasted a little over one hour, was over, and after the cigars had been lighted and everyone had settled himself for the second part of the evening's entertainment, the President of the Michigan Union, Frank P. Helsell, '05-'07*l*, arose and stated that the Directors of the Union had finally completed arrangements for the purchase of the old home of Judge Thomas M. Cooley, on State street, as a site for the future Michigan Union Club House. The house on the property in the meantime, is to be used as a temporary club house for the Union. While this information was not entirely unexpected, it was greeted with loud applause.

President Angell, who as usual presided, then arose and introduced the toastmaster. This was the signal for a splendid manifestation of personal affection and high esteem such as surely comes to few. Its charm was in its spontaneity. Everyone rose to his feet; some one drew out his handkerchief, in an instant the room was white with handkerchiefs and napkins, and the Gymnasium rang with cheers. After some minutes of enthusiasm, the room quieted and the President was able to thank those present for the gift which had been tendered to the University in the afternoon. He endorsed the purpose of the Union in no uncertain terms and expressed his belief in its ultimate success. He felt that this organization, with the building proposed, would help secure in a greater measure for many students the opportunity to form friendships and associations which would be invaluable in later life. His words were modest and simple, but they carried the conviction of a full heart. The President then introduced the toastmaster of the evening, David E. Heineman, '87, of Detroit, who proved to be the right man for the place and added deftly the lighter touches to the list of toasts, which on the whole were characterized by a seriousness and earnestness entirely in keeping with the occasion and the day.

The first speaker was William L. Day, '00*l*, more familiarly known as "Bill" Day, who spoke upon "The Alumni and the Union." In his opening sentence he asked the "privilege of being for once serious," and turned at once to the subject of his speech. He enlarged upon what his college days had meant to him, and sketched the part the Union is to play in the future life of the University, and what it would mean to him as an alumnus, after it is once established in its future home. "Nothing can add more or give a better impetus to the Union plan than to have its building on the ground hallowed by the name of Judge Cooley." In conclusion, and at the suggestion of the toastmaster, he led the audience in one of the old Michigan cheers for which he is famous.

Lawrence C. Hull, Jr., '05, '07*l*, spoke next upon "The Undergraduate and the Union." He spoke upon the benefits for the student to be derived from the projected Club House. As his text he took a statement of President Woodrow Wilson of Princeton that the most important

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part of college life for the student were those hours between the last recitation of one day and the first of the next. He showed the place that the Union would occupy in this conception of the real college life, as well as in the unification of the life of the University, which, until a few years ago, was characterized by its division into class and departmental spirit, rather than its general University spirit. He showed how the Union has, and is overcoming this tendency. In concluding he spoke of the regard in which both the students and the alumni held the President, and added "Let us all work together in furthering the project for an 'Angell Club House' of the University of Michigan Union."

Professor Frank Haigh Dixon, '92, now Professor of Economics at Dartmouth College, was then introduced. His subject was Dartmouth College Hall, an institution similar to the proposed Union Club House. It is situated in a college where the conditions are strikingly similar to those in Ann Arbor, a small town with a large university which has no adequate opportunities for rational amusement and recreation. He spoke of the various uses to which this College Hall has been placed, and he characterized it as a great fraternity for non-fraternity men. It is used for class banquets, and smokers, for faculty receptions and other gatherings, and for commencement and alumni banquets. After meals the students gather there to sing songs and meet on a common footing. There they all gather to speed the athletic teams on their way and to greet them on their return. Professor Dixon also made the significant statement that the restaurant has been a popular and paying institution there from the very first. In the course of his speech he gave a list of the benefits accruing to Dartmouth from the College Club, as given by Dartmouth students. This appears in another column of THE ALUMNUS.

Professor Andrew C. McLaughlin of Chicago, who was introduced by the toastmaster as another one of our "foreign missionaries," in the next speech showed that the University is something more than a place for learning; it is a place for doing, and that in striving for the new Union Club House we are getting other benefits beside those accruing from the completed building. This activity for a new Club House is a natural expression of an awakened college consciousness, showing that the University is coming to itself. The University spirit is not a mere clamor for a winning team nor sorrow for a losing one. It is all loyalty and patriotism and sacrifice and devotion to University ideals. It expresses itself now in this building, which is an immediate object for our University spirit.

The toastmaster then called upon one of the official guests of the evening, President Angell's son, Professor James Rowland Angell, of Chicago. Professor Angell presented greetings from the University of Chicago in the happiest words and expressed his appreciation of the picture which had just been presented to the University. He also expressed his sympathy with the efforts of the Union. It was, he felt, the most important single movement in Michigan's history. The Club House project deserves success.

No account of the banquet would be complete without a word for the Glee Club and the Mandolin Club, which alternated in furnishing entertainment between the courses. The first number was "The Yellow and the Blue," sung by everyone, standing, and led by the Glee Club; the last was "The Victors" given by the Glee and Mandolin Clubs together.

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FROM A PHOTO TAKEN AT TOKYO, JAPAN, FOR THE ALUMNUS

MICHIGAN ALUMNI AT TOKYO, JAPAN

Standing—Dr. Nishio; Yusiro Senshiu '91 *m*; Kinnosuke Sugita, LL.M. '93, Inspector Patent Office, Japanese Government; Seiichi Tokito, '87 '89, Contracting Engineer; Mr. Ishikawa; Nagamasa Minoda, '89-'90, '91-'94, editor *Japan Times*; Tadeo Nakamura, LL.B. '87; Ginjiro Yoshimura, LL.M. '92, Dean of Nautical College.

Seated—Shotaro Ozawa, '90, LL.M. '91; Professor of Law; Tomo Inouye, '01 *m*; Yeijiro Ono, Ph.D. '89, with the Bank of Japan; Prof. Sugiyama, Mr. Sera, Mr. Mishima.

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JAPANESE STUDENTS AT THE UNIVERSITY*

Ladies and Gentlemen:

I thank you for the honor you have conferred upon me tonight to join this august assembly as a guest of honor. Michigan University is the name that has been most endeared to me for the last twenty years. It was there that I spent my young and hopeful days, and it was there that I met many professors and fellow-students whose lofty character, profound knowledge and sincere friendship gave me that culture for which, I think, we all feel grateful to our alma mater, the culture that makes our life worth living, and the culture that fits us to fight our own way in the battle of the world. Ever since I went back to Japan, I was longing for the day when I could visit the University again. There were many times when I thought that such a time would never come to me in the near future. But after a long interval of seventeen years, the day has come at last, and it was my good fortune to be able to visit the University this spring. When I went back to that old town, I looked out from the carriage window, and every house and tree was an object of interest to me. I saw many changes, and a great many improvements. But at the same time, I missed many things. When I took a walk with Professor Henry C. Adams in the Campus, I asked him what became of the statue of Franklin which I used to think was bronze, and to my great surprise, I was told that it was a wooden statue and years ago was relegated to some cellar. I asked him what became of the wooden fence round the University Campus, and he told me, perhaps it was burned up. But nothing pleased me better, and I cannot tell you how happy I was when I was greeted by that grand old gentleman, President Angell. I think it was entirely through his work for the last forty years that the University has grown to her present magnitude, and it was largely due to his influence that so many Japanese students were attracted to that institution.

Some years ago when I was asked by Professor Demmon to trace out Japanese students who stayed in Ann Arbor, I could count over eighty persons, and as new students still kept on going there, the number must have considerably increased by this time. In the history of Japanese students in Ann Arbor, I think, I belong to "the middle age." So it was my good fortune to have personal acquaintance of pretty nearly all Japanese students in Ann Arbor, and I am proud to say that their records in Japan make them conspicuous when you compare them with the graduates of other American institutions. There are only two American universities so far that had the honor of seating their graduates in the Japanese Imperial Cabinet,—Michigan and Harvard. Dr. Toyama, who was dispatched to London some forty years ago and who sought his way from that great metropolis to that little American village, was the pioneer of Japanese students in Ann Arbor. The reason of his removal, he told me some years ago, was that his allowance was cut down on account of the overthrow of the Shogunate government, from which he was dispatched, and Michigan University offered in those days the best education at the lowest expenditure. He stayed there many years and became very much attached to President

*Address delivered at the New York alumni dinner of the University of Michigan, Dec. 19, 1906, by Yeijiro Ono, Ph.D., '89. Dr. Ono has been in New York for the past six months as a special financial representative of the Bank of Japan, with headquarters at the Yokahama Specie Bank, 63-65 Wall Street. This was the principal address of the evening.

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Angell. After he returned to Japan he became one of the organizers of the Tokyo Imperial University, and in many official capacities he rendered great service in building up that institution, which, I think, at her present magnitude can be compared with any learned institution of the world. At last he was made the president of that University, and then promoted to the Minister of State for Education. It was our great loss that he died about seven years ago, but he left many things behind him that will remain forever as the monument of our alma maater in Japan. Mr. Nagasaki is another gentleman who is doing honor for the University. He was at Ann Arbor about the same time with Dr. Toyama.' He has been in the service of our Imperial Court, and he occupies now a very important position there. Whenever we have distinguished state guests, such as His Royal Highness Prince Arthur of Connaught from England, he is always the one who takes most prominent part in the reception of our Imperial Household. Mr. Sameshima is another name which is well known in Japan as an Ann Arbor man. He has been private secretary of Marquis Ito for a great many years, and also minister of Japan to Italy. At present, as the life member of the House of Peers, and as auditor of the Bank of Japan, he is playing a prominent part in the Japanese society. There are many others who are doing solid and conscientious work in the various callings of life, and I may say, some of them have already made national reputations. But as they are more men of future promise, it would not be fair for me to give any detailed account about them just at the present moment.

So far I have given you only a few instances of what has been done for Japan by Michigan University. If I try to trace out the works of thousands of our students who have gone through your universities and colleges all over the country, they will make illustrious pages in the history of modern education. But it is not to the United States alone that we have sent out our students. The institutions of learning in England, Germany, France, Austria, Italy, and Belgium were all visited by our students. "Seek the knowledge throughout the world" was one of the five ordinances of our Imperial Majesty when he was enthroned in 1868. Since then it has been the settled policy of our government to send out students to other countries for all departments of science and art. Even today, the government, industrial corporations, as well as private individuals, are annually sending out abroad their promising young fellows to follow special lines of investigation. We think that it is only in science and art that we can find the true path of progress. As humble students of the nature, as faithful servants of humanity, we are seeking the knowledge that will give us power, and will enable us to solve all our problems of social and individual life. If Japan has made any progress in recent years, it was the work of all these students. So far Japan has learned a great deal from other countries, but we cherish the hope that in some future day we may show for your investigation the fruits which grew out from the seeds brought from the other lands. The fraternity and mutual respect established among us in the realm of science and arts will never perish, but will grow deeper and wider by ages.

In this realm of knowledge, there is no boundary of nationality. Men of intelligence are all united by common interest. The world has made great progress no doubt. But I think there is still a great deal of supersti-

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tion, ignorance, prejudice, avarice and hatred that are giving rise to all forms of vices and miseries in the present society. And I think it is only through the intellectual refinement which comes from the culture of science and art that mankind can seek the true way of salvation.

For this reason, I want to propose my toast for the prosperity of Michigan University, and for the health of our beloved President Angell.

YEIJIRO ONO, Ph.D. '89.

THE DECEMBER MEETING OF THE REGENTS

The Board of Regents met Dec. 8 in the Regents' Room in the Law Building with all the members present. The proceedings of the last meeting were read and approved and the various papers in the hands of the President were referred to the various standing committees.—The minutes of previous meetings were ordered corrected as follows: Page 730, the June meeting of 1906, the degree of Pliny B. Smith was corrected to read as follows: "The degree of Bachelor of Laws was conferred upon Pliny Bent Smith as of the class of 1872 as he pursued studies in the Department of Law in 1870-71." The following amendment was made to the proceedings of the July meeting: "Dr. H. H. Harper was appointed instructor in clinical dentistry at a salary of $500."—Leonore Beatrice Leming and Mabel Alberta Young were granted certificates of graduation as nurses in the University Hospital.—The request of Professor R. B. Canfield that the basement of the Palmer Ward be provided with lights for use in his classes was referred to the Committee on Buildings and Grounds with power.—Professor Warren P. Lombard was given leave of absence from May 25, in order that he might spend the summer in study abroad.—The request of Dr. Lombard for certain changes to be made in the old Medical Building was referred to the Committee on Buildings and Grounds with power.—The request of Professor M. E. Cooley for additional lights in the New Engineering Building was also referred to the Committee on Buildings and Grounds with power.—At the request of Dean Cooley it was voted that the action of the Board at the May meeting, promising the degree of "Architect" and "Architectural Engineer" to graduates in Architecture should be cancelled, and that the degrees of "Bachelor of Science" and "Master of Science in Architecture" be substituted.—Upon the recommendation of the Faculty of the Department of Engineering, the degree of Bachelor of Science in Mechanical Engineering was conferred upon Newell Barnard and Harold Burdett Culbertson, and the degree of Bachelor of Science in Electrical Engineering upon Lawrence Roys.—The action of Regent Fletcher in employing Donaldson and Meier as architects upon the new Dental Building at 3½ per cent without superintendence, was approved by full vote of the Board.—The resignation of Henry O. Severance, assistant in the General Library, to take effect Dec. 21, in order that he might take a position as Librarian of the University of Missouri, was accepted. F. L. D. Goodrich was appointed assistant in the General Library in his place at a salary of $1,200 a year, his services to begin Feb. 1.—J. T. Bowles was appointed assistant in hygiene for water analysis at the same salary paid the former assistant, John F. Eastwood.—Rudolph Ernst Knapp, B.S., was appointed Rockefeller Fellow in Hygiene without expense to the University.—The purchase of a new X-ray coil at a cost not exceeding $365, for the University Hospital, was ordered by the Board.—Ellen B. Bach was appointed Whittier Fellow in Botany for the present year.—In

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accordance with the recommendation of the Faculty of the Department of Literature, Science, and the Arts the following degrees were conferred: A.B., Jennie English Crozier, Maud Parr, Helene Rice. Ph.D., John G. Winter.—Mr. Madden was reappointed as instrument maker at the Observatory for the year 1907 at a salary of $125 a month.—Professor Hussey was authorized by the Board to visit Allegheny, Pa., at the expense of the University to confer with the opticians, the Messrs. Brashear Company, who are making the optical instruments for portions of the new reflecting telescope.—The thanks of the Board were ordered returned to Mrs. Helen H. Newberry for the gift of $300 providing for a classical fellowship the coming year. Orma F. Butler, A.M., was appointed to the fellowship.—The thanks of the Board were also ordered returned to Messrs. Franklin H. Walker, Theodore D. Buhl, the Hon. Don M. Dickinson, D. M. Ferry, Charles L. Freer, James D. Hawks, Frank J. Hecker, J. L. Hudson, J. C. Hutchins, W. C. MacMillan, the Hon. T. W. Palmer, the Hon. T. C. Riley, the Hon. Peter White, George H. Russel, Henry Russel, and Walter S. Russel, A. L. Stevens, Charles M. Swift, and Charles B. Warren for a gift of $500 paying the expenses of the publication of Volume III, "University of Michigan Studies." It was also ordered by the Board that the advance of $350, authorized by the Board at a former meeting, is to be applied to the expense of publishing Volume II of the "University of Michigan Studies," and that the sum of $500 contributed by Mr. Walker and the others is to be applied to the publication of Volume III.—The request of the Dean of the Law Department for more light in the Law Library was referred to the Committee on Buildings and Grounds with power.—Leave of absence was granted to Professor James H. Brewster from Feb. 1 to the end of the academic year, it being understood that his work for the year is provided for.—Regent Carey reported progress in the effort toward securing property for a surveying camp in Leelanau County. He also reported the sale of the Hicks property in Omaha for $4,500 authorized by the Board.—An appropriation of $800 in place of the $300 heretofore given was appropriated from the general fund for publishing the *University News-Letter*.—The Committee on Buildings and Grounds was authorized to make such restrictions as it saw fit in the use of electric lights inasmuch as at the present time the electric light plant is overtaxed.—The following preamble and resolution was adopted by the full vote of the Board:

Whereas, the committee of the Joint Aslyum Boards and the Board of Regents have expressed the opinion that it is necessary to purchase the two lots, 4 and 17, east of, and adjacent to, the Psychopathic Ward, belonging to Melinda Andrus.

"Therefore, Resolved, that they be purchased for a sum not exceeding $1,250."

The finance committee was authorized to purchase the parcels of property at the corner of Twelfth street and N. University avenue, owned by DeWitt and Williams, for $7,000. It was also voted that the finance committee be authorized to purchase the property fronting on N. University avenue and Ingalls street for $11,000.—The Board also authorized the purchase of a separator for the electric light engine and a steam trap, at an expense not to exceed $125 and $50 respectively.—The Board then adjourned to Jan. 18, 1907.

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WILLIAM JAMES HERDMAN

A TRIBUTE TO THE MEMORY OF WILLIAM JAMES HERDMAN, Ph.B., M.D., LL.D., LATE PROFESSOR OF DISEASES OF THE MIND AND NERVOUS SYSTEM AND ELECTRO-THERAPEUTICS IN THE DEPARTMENT OF MEDICINE AND SURGERY OF THE UNIVERSITY OF MICHIGAN, BY HIS COLLEAGUES OF THE UNIVERSITY SENATE

Dr. Herdman came to the University of Michigan as a student in the year 1868 and was graduated in 1872. As undergraduate he pursued his studies intelligently and stood high in his class room. In student affairs he had the confidence and respect of his fellows and soon became prominent in college organizations. His inclination towards the sciences was shown at that time by his elections, and before graduation he became a member of the staff of an important geological survey.

Immediately after completing his literary course he entered the Medical Department where he was made an assistant demonstrator of anatomy before graduation. His appointments in the University since graduation have been as follows: Demonstrator of Anatomy, 1875-90; Lecturer on Pathological Anatomy, 1879-80; Assistant Professor of Pathological Anatomy, 1880-82; Professor of Practical and Pathological Anatomy, 1882-88; Professor of Practical Anatomy and Diseases of the Nervous System, 1888-90; Professor of Nervous Diseases and Electro-Therapeutics, 1890-98; Professor of the Diseases of the Mind and Nervous System and Electro-Therapeutics since 1898.

While demonstrator of anatomy, Dr. Herdman with Dr. Frothingham, formerly demonstrator, and the Hon. A. J. Sawyer, at that time member of the Legislature from this district, after an educational campaign, succeeded in inducing the legislature to pass the Anatomical Bill which without material change remains in force today. Before that time the State gave medical instruction, of which practical anatomy was a specified and required branch; and at the same time the law made it a penal offense for the demonstrator of anatomy to secure the material necessary to give this instruction.

About the year 1881 Drs. Langley and Herdman established the Electro-Therapeutical Laboratory—one of the first, if not the first, laboratory of this kind ever organized. With the resignation of Dr. Langley from the Faculty in 1888, the directorship of this laboratory devolved wholly upon Dr. Herdman, and under his supervision it has grown, until now it is daily utilized not only in teaching to students the application of electricity, but also in the diagnosis and treatment of disease. Dr. Herdman was among the pioneers in the application of electricity to the treatment of disease and in devoting himself so largely to this therapeutic agent he avoided over statement concerning its nature.

Dr. Herdman was the founder of the Department of Nervous Diseases in this University. This important branch received but scant recognition, being included in lectures on the practice of medicine, before he took charge of it. From its very foundation the department of Nervous Diseases is the result of his labor and the Psychopathic Ward, which has added so greatly to the clinical facilities of this school, is his monument, and with it his name should be forever associated. The conception of this institution originated in his brain, and illustrates the bigness and goodness of his heart. He realized that medical students were being graduated and licensed to practice without adequate clinical instruction in this

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form of disease now unfortunately so common; that these physicians without adequate knowledge must assist the courts in passing legal judgments in cases of suspected insanity; and that the insane would often be placed under the professional care of these practitioners who had no sufficient acquaintance with the causes, manifestations, or treatment of mental diseases. Seeing these things and knowing them to be wrong, he set to work to make them right. Besides, he knew that the causes of insanity are varied and numerous, and that it would be beneficial to the insane could they come early, in the development of their abnormalities, under the observation of a corps of expert clinicians such as constitute our clinical Faculty. In short, he saw the desirability of hospitalizing our asylumns and the establishment of the Psychopathic Ward is the first step in this direction taken in this state.

Dr. Herdman was not a prolific writer, but he wrote conservatively and wisely. He has contributed in all about 60 articles to medical literature. Many of his contributions are professional and technical, but questions pertaining to the public welfare, such as methods of restriction of social evil, have been ably discussed by him.

Although his University and professional engagements were heavy and exacting, Dr. Herdman always found the time to take an active part in any work that had in view the moral and religious uplifting of the people. He was a deeply religious man and religion with him imposed a duty to work for the good of humanity. His life was very largely spent in earnest efforts in behalf of others. During his entire active career he was always identified with movements for the public good. From the time of his coming to the University as a student to the day of his death, his interest in the Students' Christian Association never for a moment flagged. During a large part of this time he served upon its board of trustees, and was among the most influential of its members. He was never too busy to attend the meetings of the board or to engage actively in the work of furthering the interests of the cause. The soundness of his judgment and the wisdom of his counsel were recognized by his associates, and he contributed in no small degree to the shaping of the policy of the association. The same spirit and the same qualities that made him prominent in this field of work naturally led to his selection for a place of trust and leadership in the church of his choice. He was for thirty years a member of the Presbyterian Church of this city and for twenty-nine years a ruling Elder. He conceived the plan of the Tappan Presbyterian Association, and it was largely through his efforts that this guild, whose object is to care for the religious welfare of the student body, was organized and its property secured. To this cause he gave freely of his time and means.

But Dr. Herdman's efforts in behalf of humanity were by no means confined to the religious field. He was always identified with movements for the suppression of vice and the moral betterment of the people. He regarded it as a part of the physician's duty to instruct the public upon the consequences of wrong living and thus to prevent, as far as possible, the disease and suffering that come from intemperance and immorality.

For over thirty years a resident of the city of Ann Arbor, Dr. Herdman always took a keen interest in every thing that pertained to its welfare. He was the ideal citizen, public spirited and progressive. Through his large general practice he came into close and intimate relations with many

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families of the city and his death brings a feeling of personal bereavement to many households.

Dr. Herdman was a distinct personality. His qualities of mind and heart were out of the ordinary. He impressed himself upon those with whom he came in contact in no uncertain way. In meeting him one felt at once that he was face to face with a *man*, with a man who dealt with large things in a large way, with a man who would be equal to emergencies, with a man who could be a leader, if leadership were demanded, but with a man whose rugged strength and positive qualities would always be tempered and whose action would always be guided by a keen sense of justice and by an abounding charity. He was a man of poise and dignity, always a master of himself and hence always prepared for the unexpected.

In the death of Dr. Herdman the Department of Medicine and Surgery has lost a devoted teacher and a wise counsellor, the University, a strong man, the public, an earnest worker for humanity; and we, the members of the Senate, a respected and beloved associate. To his bereaved family we extend our heartfelt sympathy, and we spread upon our records this memorial as a tribute to his memory.

(Signed)

V. C. VAUGHAN.
H. B. HUTCHINS.

RESOLUTIONS FROM THE FACULTY OF THE DEPARTMENT OF MEDICINE AND SURGERY UPON THE DEATH OF WILLIAM JAMES HERDMAN

Whereas, In the death of William James Herdman, the Faculty of Medicine and Surgery is again called upon to mourn the loss of one of its most esteemed and beloved colleagues, removed in the prime of his life and in the midst of his usefulness, and

Whereas, the Faculty desires to express its appreciation of its member, oldest in the service of the department, who for thirty-five years labored for the advancement of medical education; be it therefore

Resolved, That in the death of Dr. Herdman, this Faculty has lost one of its most distinguished teachers, a man of original ideas and of rare creative ability. Through his persistent efforts, the first University Hospital in this country for the clinical teaching of mental diseases, was established in connection with this medical school. The Psychopathic Ward will ever remain as his fitting monument: and be it further

Resolved, That a copy of these resolutions be spread over the minutes of the Faculty, and that a copy, together with our profound sympathy, be transmitted to the family of Dr. Herdman.

(Signed)

REUBEN PETERSON.
WM. F. BREAKEY.
ALBERT M. BARRETT.

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PRESENTATION OF THE NEW PORTRAIT OF PRESIDENT ANGELL

The official presentation of the new portrait of President Angell, painted by William H. Chase, of New York, took place in University Hall, Saturday afternoon, Dec. 8, at four o'clock. The official presentation, in behalf of the committee appointed by the Michigan Union which had undertaken the work of soliciting funds for the picture, was made by Professor Henry M. Bates, chairman of the committee. The picture was accepted in behalf of the Regents of the University by Regent Loyal E. Knappen, of Grand Rapids. The official address was delivered by Professor Jeremiah W. Jenks, '78, now at Cornell University.

There were also a number of distinguished guests from other colleges present for the occasion. Among these were Professor James R. Angell, son of Dr. Angell, representing the University of Chicago, President Storms of Ames College, President Slocum of Kalamazoo College, President Lancaster of Olivet, and President Snyder of the Michigan Agricultural College. Before the presentation of the portrait, letters of congratulation and felicitation from the artist and from the presidents of the leading colleges in the country were read.

EXCERPTS FROM LETTERS

New York, Dec. 3, 1906.

I regret more than I can tell you that I can not be present at the presentation ceremonies of the portrait of Dr. Angell. It has been my good fortune to have had many important persons to paint, and I can assure you that—of the many—none have given me more delight to put upon canvas than Dr. Angell. He inspired me to do my best, and I hope his many friends will find that I have. One of the delights of my calling is to meet and know more intimately such men as my splendid subject, Dr. Angell.

God bless him! is the feeling of the artist who has so recently had the honor (in my way) to hand him down to honorable posterity.

Most respectfully and sincerely,

WM. M. CHASE.

The University of Chicago. Office of the President.

The University of Chicago is greatly interested in the occasion attending the presentation of the Portrait of President Angell to the University of Michigan. I greatly regret that my own engagements make it impossible for me to be present in person. I have asked Professor James R. Angell, head of the Department of Psychology in the University of Chicago, to represent the University at the ceremony and to present this letter.

President Angell, we feel, is not solely the property of the University of Michigan. He belongs to all of us who are interested in educational work in the west and throughout the country. His ripe experience, his rare personal qualities, his sound judgment have endeared him to all. We look to him for leadership and regard him as in a very large sense one of the most trusted leaders and advisers of educational thought for the entire nation. In this most worthy and fitting expression of appreciation on the part of the alumni, faculty and students of the University of Michigan, we have cordial interest and sympathy. I beg on behalf of the University of Chicago to extend to the University of Michigan congratulations, and to President Angell most sincere and warm regard.

Very truly yours,

HARRY PRATT JUDSON.

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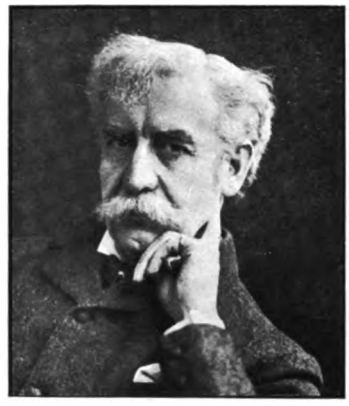

WILLIAM JAMES HERDMAN, M.D., LL.D.

DIED AT BALTIMORE, DEC. 14, 1906

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University of Vermont, Burlington. Office of the President.

It is a most fitting and gracious act on the part of the alumni, faculty and students of the University of Michigan to dedicate a portrait to President Angell by a public ceremony expressive of their appreciation of his services and their affection for his person. In this act the University of Vermont desires to have a part. During his presidency of this university, which was effective quite out of proportion to its length, President Angell so associated himself with the history and fortunes of the institution, and so attached to himself its alumni and friends that we claim the right to be present when his admirers are counted and to be heard when his praises are rehearsed.

Assure him that the University of Vermont, equally with the University of Michigan, holds him in lasting and affectionate remembrance.

Yours sincerely,
M. H. BUCKHAM,
President.

Brown University, Providence. President's Office.

. . . I wish it were possible for me to accept, but since it is not, I can only say that the faculty of Brown University all join me in sending felicitations to the faculty and friends of the University of Michigan. There is no more distinguished living graduate of Brown University today than President Angell. We are proud of his record as teacher, journalist, diplomatist, publicist, administrator, and man. To a remarkable degree he combines benignity and kindness with virility and initiative. His visits to Rhode Island always leave a benediction behind them. We never meet him without acquiring new faith in education and new confidence in the future of humanity. We rejoice in all the great work he has done in the growing West. His real image is not on any canvas, but in the hearts of thousands who are better and nobler because he has lived and worked. We send our salutations to the University, and our affectionate greeting to President Angell. Sincerely yours,

W. H. P. FAUNCE.

Princeton University, Princeton, N. J. President's Room.

. . . In common with all who have known him, I can say that my admiration for President Angell has a personal touch of affection. I think it is the general feeling that he represents the highest type of University President, both in his ideals and in his character, and that his career as President of the University of Michigan has set a model which will be of permanent benefit to all those who preside over state universities. I would be obliged if you would convey to him from me the warmest messages of congratulation and affection.

Sincerely yours,
WOODROW WILSON.

Harvard University, Cambridge.

. . . I hope it is a worthy portrait, which will give future generations a just impression of the mental and moral quality of the noble man who has so long and so successfully presided over the University of Michigan. Very truly yours,

CHARLES W. ELIOT.

Yale University, New Haven, Connecticut. President's Office.

. . . Pray tell the Alumni how great an interest Yale, in common with all the other universities of the land, feels in every honor rendered to a man whose length and importance of service have made him not merely the president of one university, but in a broad sense the dean of them all.

Faithfully yours,
ARTHUR T. HADLEY.

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The Johns Hopkins University, Baltimore, Md. President's Office.

. . . We send our congratulations to the University of Michigan and our hearty greetings to President Angell. It is well for the cause of education and for the health of the nation that he has so long been able to exert his quiet but splendid influence. We are thankful that he is still active and that he is likely to remain so for years to come.

IRA REMSEN,
President.

Dartmouth College, Hanover, N. H. President's Office.

. . . It would give me great personal pleasure, were it possible for me to be present at the presentation of the portrait of President Angell to the University. I am very glad that Professor Dixon is to be present and that, apart from his relation to the University as an alumnus, he may represent Dartmouth. Dr. Angell really belongs to us all who have to do with educational work, so honorable has been his career, so wide and varied his attainments, and so useful has been his work in the training of men for all public duties. And he also belongs to us all by virtue of those delightful human qualities, which have given him so sure a place in the hearts of those who know him. I beg you to accept my sincere regrets that I cannot be present to give, in person, my acknowledgment of the serivce of Dr. Angell in the work of the higher education and to the life of the nation.

I am in hearty thanks for your invitation.

Very truly yours,
W. J. TUCKER.

University of Pennsylvania, Philadelphia.

. . . The University of Pennsylvania wishes to send a message of tribute to the character and long continued public service of Dr. Angell. The State of Michigan, our own country, and the world at large, are enriched by the dwelling amongst us of one so representative of truth, honour, gentleness, devotion to duty, high ideals, and great accomplishments, as are embodied in the President of the University of Michigan.

That President Angell may long continue in strength, and length of days with you, and with us, is our earnest and sympathetic hope.

Faithfully yours,
CHAS. C. HARRISON,
(Provost.)

Champaign, Ill., Dec. 7, 1906. (Telegram).

Present to President Angell the felicitations of the trustees, faculties, and students of the University of Illinois. He has been a sound guide for trustees, a great leader of the faculties, an inspiring prophet for the students, not only of Michigan, but of all of our universities. The whole nation is to be congratulated upon such a man and such a career.

EDMUND J. JAMES.

Northwestern University, Evanston, Chicago. President's Office:

. . . I have known President Angell and the University of Michiagn at a distance only, but for many years I have found them both an inspiration; and I would have taken sincere pleasure in showing by my attendance, respect for the University,—so largely his work,—and my admiration for Dr. Angell, so long the foremost representative of the higher education in the northeast.

Sincerely,
A. M. HARRIS.

Madison, Wis., Dec. 8, 1906. (Telegram).

Upon behalf of the University of Wisconsin I congratulate the Univer-

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sity of Michigan on the happy occasion of the presentation of a portrait of President Angell to the University by its alumni, faculty and students. As a sister state university we share with the University of Michigan in admiration for the character of President Angell and the great work he has done for education in the nation.

CHARLES R. VAN HISE.

The University of Minnesota, Minneapolis.

. . . I have long honored him for the great work which he has done. I have admired him for his nobility of character, his breadth of intellectual vision, his eminent fairness and candor and his delightful personality; and, more than all, I have loved him for his unfailing sweetness of spirit and his abounding charity. Long may he live to bless Michigan and the rest of the world.

Very truly yours,

CYRUS NORTHROP.

Letters were also received from Cornell University, Williams College, Amherst College, Leland Stanford, Jr. University, the University of California, Columbia University, the University of Missouri, the University of Nebraska, the University of Kansas, Albion College and Hillsdale College.

PRESENTATION OF THE PORTRAIT BY PROFESSOR HENRY M. BATES

Ladies, Gentlemen, Members of the Michigan Union:

We are gathered here today to present to the University this portrait of our honored President. It is not necessary that we do this to perpetuate his memory in this or in future generations, for all during his years among us, the intellectual, moral and spiritual forces of his own life and work have been silently but deeply engraving his image upon the University in the hearts of all her sons and daughters. And this image of his own unconscious making is a truer, a finer, a more enduring one than any the most perfect art could create.

President Angell came to us thirty-five years ago, when the University, though planned upon broad and noble lines and dedicated to generous and uplifting purposes, was still young and crude and to some extent unorganized and unspiritualized. It has been at once his rare privilege and his onerous and often perplexing task to develop this institution of great possibilities, to coördinate and organize it, and to breathe into it, the charm and grace of culture, the power of spirit and soul. So quietly, so unobtrusively, with such "sweet reasonableness" has he always performed the functions of his high office, that although he is admittedly one of the most admired and best loved of his generation, it is doubtful if the real greatness of his service and the extent of his influence have yet been fully realized. But poise and sanity and the potent influences of personality and character are always recognized sooner or later, and so the University, a memorial to all who have helped upbuild her, must certainly be regarded by posterity as in a large and peculiar sense a monument to James Burrill Angell.—But we who have worked with and under him, have long wanted to express to him, while in the fulness of his powers, in some lasting and worthy way our affection and admiration for him, our associate and our friend, as well as our leader and President.

In recognition of this widely felt want, the University of Michigan Union last spring raised a committee representing the Alumni, the faculties of every Department, and the undergraduates of every class, for the purpose of procuring an adequate and

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worthy portrait of President Angell. Service on this committee was gladly accepted, as a privilege and honor, by the persons appointed upon it, and the labor of love was entered into with enthusiasm. It was the consensus of opinion of the many persons, whom the Committee consulted, that Mr. William M. Chase of New York was perhaps, the greatest portrait painter in America, and to him we turned to execute our purpose. As the Union guaranteed the payment of the cost, the Committee was able to offer the commission to Mr. Chase, at once, and he accepted it with an enthusiastic delight in the subject and his work. Dr. Angell, with characteristic modesty, was at first somewhat embarrassed by the project, but the spontaneity and enthusiasm with which it was received by all, was convincing even to him, and so during the golden days of August, he sat for his portrait, at Mr. Chase's summer home near the waters of Long Island Sound. Meantime subscription lists were circulated among members of the faculty and students, and later a letter was sent to all alumni, apprising them of the movement. The response from the campus was prompt and generous beyond even the sanguine expectations of the Committee, so that it was deemed advisable to limit the individual subscriptions from alumni to a small amount in order that all who wanted to, might have a part in this tribute. And literally from all parts of the world have come the eager contributions, and today every penny of the cost of the portrait has thus been paid.

The portrait must speak for itself, but it is gratifying to know that it has already won unstinted praise from competent critics in the East. One of them says in an elaborate critique published in a leading Journal, that the picture compares most favorably with the portraits, by other world-famous artists, near which it was hung in the exhibit at Providence, and that in it, Mr. Chase has surpassed his own high standard. And there is good reason to believe that not only is it a worthy portrait of Dr. Angell, but also that it is a great and enduring work of art whose intrinsic value will only increase as the years go on.

And now Sirs, it is the rare privilege of our Committee on behalf of all the subscribers, and in their names, to present to the University through your Honorable Board this portrait of our distinguished President, to be by you and your successors forever preserved and cherished, that we and those who may come after us may ever know the face, and through it somewhat of the gracious and noble character of Michigan's great President.

And to you, honored Sir, whose unaffected modesty forbids your presence with us on this joyous occasion, to you—we, your grateful pupils, your loyal associates, your affectionate friends, whose lives are richer, sweeter and better, because we have known you, and the charm and grace of your manner, the breadth and elegance of your scholarship, the simple dignity and purity of your life,—to you, in a deeper, a more spiritual sense, we make this gift,—to you, we bring this tribute of our praise and love. May it, in some measure, express to you those finer sentiments which the serenity and nobility of your character have inspired in us, and which we dare not trust ourselves to put into mere words.

The picture was arranged upon an easel against dark red hangings, in the center of the stage, with the Board of Regents, the University's guests of honor, and the speakers seated on either side. At the conclu-

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sion of the address, Professor Bates drew the chord, and the silken curtain which had hung before the portrait was dropped, while the room was darkened, allowing the portrait to be seen at the very best possible advantage. The great hall was perfectly quiet for a minute; then the audience burst into prolonged and enthusiastic applause.

ACCEPTANCE OF THE PORTRAIT BY REGENT LOYAL E. KNAPPEN

Mr. Chairman, members of the Michigan Union, Alumni and Students, Ladies and Gentlemen:

The Board of Regents, on behalf of the University, most gratefully accepts this magnificent portrait of our beloved President.

For more than one-half the active life of the University, President Angell has guided and directed its destinies.

He came to the Presidency at a time which we all now realize was a critical period in the history of the University. The state university idea, of which Michigan was a pioneer, was still in an experimental stage.

The University was poor. The attendance had outrun the means of instruction.

Great educational problems were everywhere pressing to the fore.

Broader and more varied systems of education were being demanded. The experiment of co-education was clamoring for trial. The State had but just begun to realize that it was charged with the support of its own University.

Could state aid be relied on as a substitute for the rich endowments of the great Eastern Universities?

Was Michigan to have a great University, or merely a big school ?

Dr. Angell believed in the West. He believed in the State University idea. He believed in the people of the State of Michigan, and that they could be trusted to support a system of education which, for breadth and strength, should be second to none.

Under his wise and courageous leadership, with the tact and resourcefulness which are his, these problems have all been solved. A broad system of education has been steadily and firmly built up. That co-education has ceased to be an experiment, is attested by the presence here of more than eight hundred women, in practically all departments of the University. The people of the state have recorded their loving and abiding pride in their University, and their determination that it shall never lack the necessary funds for carrying on the great work of public education.

It is significant that while, during the thirty-five years of Dr. Angell's presidency, the population of the State has but little more than doubled, the attendance at the University has increased fourfold.

During his presidency Dr. Angell has sent out into the world an army of thirty thousand men and women, who are doing their share, and more than their share of the world' work. Wherever on the face of the earth this work needs doing, detachments of this great army are to be found. Who can calculate the influence of such an army upon the movement of the world?

The history of Michigan University for the past thirty-five years is but a part of the history of Dr. Angell's life. Before he came to Michigan he had done what for many people would be a life's work. His presidency of this University has alone accomplished the work of a life-time.

His broad scholarship, his brilliant and conspicuous service to the State and to the Nation, his high-minded citizenship, and above all, his magnificent manhood, have won for him the abiding veneration and love, not only of the thirty thousand men and women to whom he has directly fur-

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nished inspiration and ideals, but of the people of the State at large. That his guiding presence may remain with us for many a year to come, is the hope and the prayer of every friend of our University.

When the later history of the University shall be written he will be known as "The Great President."

It is fitting that his portrait should occupy the place of honor here. It will be given that place.

ADDRESS BY JEREMIAH W. JENKS, '78*

There is perhaps nothing in life more pathetic than the eager longing we all have to be remembered, to live in the minds and hearts and lives of our fellows, for, if we are thoughtful, we must realize how very soon most of us must pass into oblivion. If we go away, even merely for a visit in a far country, only a few months' absence will prove to us in the inappropriate questions and remarks of acquaintances, as well as in our own embarrassing attempts to place ourselves in old relationships, how short is human memory.

But, on the other hand, nothing in life is more beautiful and satisfying than the warm desire to keep ever present with us those for whom we care, those whose lives and deeds, whose personalities have so impressed their influence upon us that, without them, we feel and know that we are poorer; that our lives are incomplete; while, with them, their mere presence is a help and joy.

For most of us, only our intimates have such feelings; the little lives of most of us are bounded by the touch and care of only a few. It may be true, that, unknown to us, our every thought and act will ripple on through distant ages, unknown to us, in obscure wavelets of influence over the minds of remote generations, for we are taught to believe that no energy is wasted; but, so far as we or others can see, our influence soon dies out; our memory quickly passes; we are gone.

But it is not so with the great leaders, the thinkers and doers, who educate, and win, and dominate society. Their deeds mould men and customs; their memories remain, to bless, or perhaps to curse. These dominating personalities, like Carlyle's heroes, or Emerson's representative men, live on. If we wish to get from them the lessons regarding permanence of influence which their lives should teach, we need to note their prime purposes in life.

All such men are personalities of might whose words and deeds shape history; but one type is the embodiment of skill and energy directed toward the gratification of self; the other, the embodiment of reason and knowledge and will, used for the good of mankind.

And this leadership, this energizing force,—for after all, the creative power in society is the individual will —this leadership manifests itself in various ways, both good and bad. In days of savagery, well-strung sinews and a taste for battle may make a man the chieftain of his tribe; and his wisdom or his folly determines whether his tribe shall become a forgotten part of a rival band, or a great sovereign state controlling the destinies of a hemisphere. There was much of the brute about Peter the Great; but the Russians will not forget him. He created their State.

In business life the facts are similar. No one who has known the heads of the great industrial combinations in the days of the building of the Whisky Trust, the Sugar Trust, the Tobacco Trust, the Standard Oil Monopoly, will doubt the skill, the energy, the genius, of the creators of

*Professor of Political Economy at Cornell University.

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these organizations. They have been elemental social forces. Their characters and wills have been embodied in their great companies, and the might of their organizations, used too often for merely selfish ends, has been and is their might. It has made their names enduring—but to what purpose? A business colleague of one of the greatest of the creators of selfish monopoly lately said of him with a cynical smile: "I've worked with him for forty years; we've made millions together; but he'd do me out of a dollar today, if he had the chance." The memory of this great industrial leader will not be blessed even by all his colleagues. And yet I am not sure that his memory will not eventually be cherished in industrial history as the creator of a social institution which, as a model of industrial efficiency, has been of untold service to other enterprises that have done much to improve the comfort and happiness of men.

And that is in reality the final test of all men and of all institutions, service to humanity,—even though that service may not have been performed with the thought of service. How much more will the great leaders accomplish; how much more will their memories be revered, when their conscious aim is service.

The creator of a new idea in trade or science or art,—better yet, the builder of a new ideal in morals or living, so fixes his personality into the heart of social life that he is sure of permanent influence; and—it is a pleasing thought—this influence we all gladly recognize. We revere and love those who have benefited mankind. Them we want always with us.

And yet our ideals change. When as brawny, lusty, young men we look for our heroes, we think, and rightly enough,—of the great warriors; our hearts burn at tales of battle where heroes have slain their thousands;—and no man with red blood in him wishes ever to miss the feel of this hot glow of youth at tales of heroism;—but as the passing years open our eyes to the meaning of life, while we still admire bravery, we abhor fighting, unless back of the contest as the reason for the contest, lies an ideal of freedom or of peace that makes the fight worth while. The heroes of our maturer years are those who have given birth to thoughts or ideals that have helped us and the world. Caesar's victories pale before his policies; Austerlitz is of slighter account than the Napoleonic code. All the victories of all the warriors of all ages are of passing moment, are trifles light as air, in the moulding of the world's work and life compared with the social ideal of the brotherhood of man first lived in the world and thus lived into the world's society by the Founder of Christianity. His brief farewell, "Be of good cheer, I have overcome the world," were prophetic words of more profound political, and social significance than any victorious battle-cry. They proclaimed twenty centuries ago the truth, even yet not fully recognized, that His ideal, service to mankind, that real moral social force of prime significance that endures.

With this truth in mind, how significant becomes the work of the investigator and teacher! And how many blessed memories, students and alumni of this great University, have we to cherish, of those who have come into our lives as shaping forces with the ideals which they held or lived before us.

I will not speak now of our professors who are still with us, though no better examples could be found of the moulding power of ideals than is shown in the lives of many of them, but I must say a word of our teachers who are gone but whose work and memory endure. Hundreds of you who

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were here in earlier years feel, as I do, that to Professor Olney we owe much of our admiration for simple truth, of our earnest desire in all investigations of whatever kind, to see the facts exactly as they are,—no more, no less,—the real essence of all scientific research. And was not Professor Frieze, and is he not still in memory, our ideal of the perfect gentleman, cultured, refined, artistic in taste, with a gentleness fit to curb the rudest boor? We still see his quaint gesture, as he peered over his spectacles. We still cherish in our old note books his exquisitely apt phrases in his translations of the Latin poets; we still know that whatever knowledge and love of ancient art or literature we have, comes chiefly from his early inspiration, because he made us long to be a little like him in refinement and love of the beautiful. And Professor Pattengill, only lately gone from us, but always from the beginning of his teaching career a man of power. We may have feared him, if we saw him only in the class room; we surely loved him if we knew him well. But love him or fear him, how many of us owe to him whatever measure we may have of untiring energy in work, of invincible determination to finish our task, complete to the last iota, to get out of our lives and our work the last element of benefit which they should yield.

I cannot stay even to mention, much less to express the respect and gratitude and love that we all have in no less degree for the many others whose lives in this University have blessed us; but I feel and know, as you feel and know, fellow-students, and alumni, that to these men and their colleagues we owe chiefly most that we have of success or happiness, outlook on life, or hope for the future; for our lives are conformed to our ideals, and to these men and their colleagues and successors we owe in great part our ideals.

And our debt to our President is even greater. The debt to him is in part like that we owe to our teachers, but it is also in part different and greater. It is in part the same, for unlike most of our presidents of the great universities, Dr. Angell has always wished to keep the teacher's touch with his students. Those of us who do not have the tangled web of multifarious executive duties to unravel, and who, in consequence, seeing only the order in which under the hands of the master administrator the business moves, are sure to underestimate the enormous demands of this work; we can hardly realize the full significance of his determination to meet his students as a teacher meets them. I know of only one other great university president whose energy has sufficed to enable him to teach as well as to administer. And we all know that Dr. Angell's teaching has not been perfunctory. I remember well a discussion on this subject, nearly thirty years ago; for students in those days even, did think and talk of their work—sometimes; and the conclusion reached was, that it was as gratifying as it was fitting, that the President of the University should also be, as in our judgment he was, its ablest teacher. His intellectual attainments were weighed with the grave precision suitable to undergraduates; the legends, true stories as we afterward learned, of his remarkable record as a student were recounted; but the one fact that the student jury could and did fitly judge was that no other teacher presented his subject with such clean-cut precision, such felicity of phrase, with such profound simplicity. Good as our professors were, he was, even as teacher, rightly the head.

And if I may add a bit of more personal testimony: I may say that

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one day this week, in getting ready my notes for a lecture on International Law, I found on the most important topic of the day Dr. Angell as my leading authority; and what is of more significance still, I find the entire course in International Law blocked out on the lines of my old lecture notes. The world has moved since they were taken; much new material needs to be added; but I have found no other presentation to surpass in logical arrangement, in precision and accuracy of statement, that given to us all by Dr. Angell twenty-eight years ago. Much we students wondered, too,—and the marvel grows as the years go by,—at the grip of the memory which, after our first interview, embarrassing, but also comforting to freshmen, enabled him so often to call our names at sight.

And again, when a Commencement orator failed, and the President of the University was invited to give the Commencement oration, there was again genuine satisfaction; for, as the seniors said: "Of all the orators that come, none is equal to our President." And yet, happy as we were in our President as a teacher and orator, and better yet as a man, we did not feel our debt to him then as we feel it in later years, when experience in life and observation of men have shown us how supremely difficult and rare is administrative skill, and how absolutely dependent upon it is every institution. A business man will tell you that it is easy to hire skilled labor of any kind; that it is almost impossible to find a superintendent with a gift for organization. How much more difficult to find a president for a great university.

We as students, as I have said, owe our ideals of life and work to our professors; to the President we owe the professors who have these ideals. The more helpful our professors, the deeper our admiration for the President should be; for it is easy to misjudge men, and often conditions force upon a University the acceptance of the man who is only the second or third choice.

Look through the departments of any university where the professors have the selection of the younger instructors and assistants. In some you will find a group of young men almost every one of whom has the capacity in due time to become a great investigator, or more important still, a nobly creative teacher; for, important as is scientific investigation, and no one can estimate its worth more highly than I do, the prime function of the University is to produce men, and that is the teacher's work. In other departments sometimes of the same University, you will find—lumber. Why? Look to the personal qualities and ideals and judgment of the head of the department.

How rare and how priceless the skill and judgment that does not fill Faculties with brilliant cranks or stupid pedants. Both classes are plentiful as candidates. And how difficult the task, how faultless also in any President is the tact and will that relieves the University in due time, without undue trouble, of the burden of misfit teachers.

Skillful, too, must be the hand that so adjusts relations among conflicting interests in the Faculty, that the wisest use is made of funds and energy. Each department wants and needs far more than it can get. No mere specialist, though a genius in investigation, can have the sense of relative values to adjust such claims wisely in the interests of all.

And when wise plans for harmonious development are laid, and the eager demands of students and Faculty are stimulated by the very plans created and suggested by the President, how great the patience needed

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to keep their impatience from endangering success!

Consider, too, the tact and wisdom required to play upon the minds and hearts of friends and enemies, of the ardent and the indifferent, so as to bring about through this moulding of the complex social forces on which the University depends for existence, the results planned and desired. I remember that Dr. Angell once said to me, years ago, that the only way to deal with the Legislature, a most important one of these social forces, was simply to state the case of the University clearly and honestly. Other presidents have not always had the wisdom so to state their case and leave it. Great lawyers like Hamilton or Lincoln have often won their cases at law before a jury, by their clear statements. And we may be sure that much of the marvelous prosperity of our University has been due to the judicious skill of our President in planning its work, and then so clearly presenting it to others as to win their hearty coöperation and support.

In both these "external duties," as President Hadley of Yale University calls them, and in the "internal duties" in his relations with trustees and faculties, alumni and students, the wisdom of our President is best shown by the results. The story of the marvelous success of his administration has been recounted time and again. We see the institution grow from a country college to one of the greatest and strongest universities. The best proof of the wisdom of his guidance is in the mere fact, that for more than thirty-five years he has been the guide. And this mere fact, too, the length of his successful services, is proof to us again, of the soundness of our judgment and the trueness of the impulse of our hearts in selecting him, because of his services to our University, as the man whom we chiefly delight to honor.

It is fitting, too, on account of the cosmopolitan character of this University, that he should be the man selected to represent best its ideals. No other man in its history has so counted in the work of the world. Think of the thousands of students in the last thirty-five years, who moulded by the influence of his precepts and example, each in the degree of his appreciation, have gone forth into all regions of the earth, to play their parts in life. Consider the countless multitudes of the Orient, Turkey, and China, and the millions of our own people whose destinies have been changed by his diplomatic skill. Note his sound judgment shown in settling puzzling questions of international import in our dealings with our mother country, as well as his less conspicuous, but no less significant services in the many minor organizations, educational, religious, social, where his personal tact, his knowledge of business and of statecraft, above all his sane common sense, have guided conflicting counsels to wise conclusions. The range of his influence has been world-wide; the characteristic of his influence has been wisdom.

Because, then, he is one of the great leaders whose creative wisdom has been of untold value to the world, and especially because his personality has built itself into the being and life of this great University, we, the sons and daughters of the University, wish to show him our appreciation of his services, our gratitude for what he has done for us, our love for him, because he is the man he is; and we wish to leave here in our loved University this most personal of all testimonials, his portrait, to show to him that in our hearts and in the hearts of our successors, he has and always will have an abiding place.

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News

ATHLETICS

MAGOFFIN ELECTED CAPTAIN

The election of a new football captain for the 1907 team was held Dec. 20, and resulted in the election of Paul Magoffin. The meeting was called to order by Captain Curtis and the names of Graham and Magoffin were formally presented as candidates for the honor. The vote was taken by ballot.

Magoffin, who is a member of the 1908 literary class, played his first football on a Kansas high school team. For two years he played on the team of the Central high school at Washington, D. C., later entering the Academy at Marietta, Ohio, where he played for one year as half on the Marietta College team. He entered the University of Michigan the fall of 1904 and he immediately went out for the all-fresh team. Later, however, Yost discovered his ability and he was utilized in every game of the season, though only for a short time in the Wisconsin and Chicago games.

The present season Magoffin has showed himself to be a remarkably fast and untiring player on both offense and defense, although slow in rounding into physical shape, owing to his late return to the University. He did his greatest work in the Pennsylvania contest, fighting gamely and stubbornly to the end. His repeated fierce tackling of Hollenbeck for losses was one of the redeeming features of that game for the Michigan spectators. The result of the election is generally popular among the football men as well as with the student body.

FOURTEEN M'S AWARDED

Fourteen members of the 1907 football team have been awarded the block "M" as reward for their work during the football season. The men are as follows: Captain Magoffin, Loell, Eyke, Davison, Clement, Graham, Newton, Hammond, Workman, Garrels, Bishop, Rumney, Patrick, Curtis. The "M" will be placed this year upon a sweater vest, instead of upon a full sweater as heretofore. Twenty-three members of the reserves were also awarded their "R" as follows: Langley, Treat, Crumpacker, Harris, Simpson, Featherstone, Fullenweider, Wasmund, Kelley, Davey, Wheeler, Witmire, Casey, Watkins, Chapman, Spaanun, Guenther, Guckenberger, Coleman, Bird, Holland, Eastman, Ortmer.

FOOTBALL PROSPECTS

According to the present outlook, the football team for 1907 should regain some of the glory which Michigan has lost this past season. It is, of course, true that the prospects a year ago for a good team were fairly good, but a long series of misfortunes were responsible for the disappointing season just past. Tom Hammond and Hal Weeks did not return. Schultz, Rheinschild, and Denny Clark were prevented from playing by poor class work and Curtis and Patrick were out of the game on account of injuries before the critical Pennsylvania game. Harry Hammond and Magoffin also came into training late in the season.

For next year, however, prospects seem brighter as there are ten "M" men eligible, in addition to a large number of players of approved ability, who have been unable to play on account of eligibility rules and other reasons. The "M" men include Schultz, Rheinschild, Magoffin, Graham, Hammond, Patrick, Newton, Loell, Bishop and Davison. This certainly would appear to be an especially strong nucleus for the 1907 team.

The new material, however, from which Fitzpatrick can draw for the team is of exceptionally good calibre, and undoubtedly will keep many of the present "M" men working hard to hold their places. Casey, a former member of the Iowa State team, will be a prominent candidate for the position of tackle and also Bowser, who weighs 220 pounds. Wasmund, the speedy half back who starred in the Pennsylvania-Lafayette game last year, will undoubtedly make good Varsity material. An exceptionally good punter, if he can be taught the defensive game and to carry the ball well, may possibly be found in Allerdice. Featherstone, a former member of the Oberlin team, also played a remarkably strong game at end with the scrubs this past season. Flanagan is a quick and clever 220 pounder who is remarkably quick upon his feet and should develop into

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good Varsity material under Yost's coaching. Evans and Searles, one a quarterback of the scrubs and the other the quarterback of the champion fresh engineer team, will doubtless be prominent candidates for that position on the Varsity team. Miller, right end and captain of the fresh engineers, Higgin, a heavy and quick back, and Joyce, a guard on Notre Dame's team a year ago, will doubtless all be prominent candidates.

INTEREST IN BASKET BALL

There has been considerable interest of late in the development of a basket ball team at the University and a number of independent teams, made up largely of University men, have been organized. Some of the football men were interested, especially Garrels, Patterson, West, and Flanigan, but a blow was dealt to their ambition to play basket ball during the winter by the announcement made by Director Baird, that such participation would make them ineligible for University athletics. This ruling was made, inasmuch as these basket ball teams were independent organizations, and while almost exclusively Michigan men, did not have the sanction of the Athletic Association.

It has been felt desirable many times in the past that Michigan have a basket ball team to place in competition with those of Chicago, Wisconsin, Minnesota, and other schools. The gymnasium, however, has always been so largely occupied with freshmen gym classes and indoor track work that Director Fitzpatrick has felt that it would be impracticable. The athletic authorities, however, are encouraging interclass games and if the experiment proves successful and the prospect is sufficiently encouraging Michigan may adopt the game formally next year. Definite arrangements have been made for a series of inter-class basket ball games which began immediately after the Holiday vacation. The schedule should be similar to inter-class football games. Two courts, one large one for regular playing, the smaller one for practice have been laid out crosswise on the floor of the gymnasium. Mr. Maris, assistant director of the gymnasium, will have general supervision of the basket ball work.

CAMPUS CALENDAR

COMING EVENTS

JANUARY

Thursday, 10.—Faculty concert. University School of Music. Frieze Memorial Hall, 8 p. m.—Lecture in French on "Le roman en France avant Victor Hugo." Professor Béziat de Bordes. Tappan Hall Lecture Room, 4 p. m.

Friday, 11.—Hamilton Club oratorical contest, Chicago.

Thursday, 16.—Historical recital, "Schumann," by Albert Lockwood. Frieze Memorial Hall, University School of Music.

Thursday, 17.—Lecture in French, "Les premier romans de Victor Hugo." Professor Béziat de Bordes. Tappan Hall Lecture Room, 4 p. m.

Friday, 18.—Michigan-Chicago debate, University Hall, 8 p. m.—Meeting of the Board of Regents.

Saturday, 19.—"Twelfth Night." The Ben Greet company of players, 8 p. m.

Sunday, 20.—Annual address, Students' Christian Association. Bishop Charles D. Williams. University Hall, 8 p. m.

Friday, 25.—Lecture and reading, F. Hopkinson Smith, on S. L. A. Course. University Hall, 8 p. m.

Saturday, 26.—"Hamlet." The Ben Greet company of players. Two part performance, afternoon and evening.

FEBRUARY

Wednesday, 20.—Address by Gov. A. B. Cummins of Iowa, S. L. A. Course, University Hall, 8 p. m.

PAST EVENTS

DECEMBER

Monday, 3.—All classes resumed work after Thanksgiving vacation.—The Freshman Men's Club held their weekly meeting at McMillan Hall. The purpose of this club is to help Freshmen become acquainted with the current topics of University life.—The Chemical Colloquium held its regular semi-monthly meeting. The chief address was given by Dr. R. W. Balcom on "Some Recent Investigations of the Black Sands of the Pacific Coast

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by the United States Geological Survey."

Tuesday, 4.—The Women's Athletic Association Orchestra was organized, under the direction of Willoughby Boughton.—The Student Council met in the Michigamua rooms to consider improvements in the Fresh-Soph rush.

Wednesday, 5.—Director Keene Fitzpatrick returned from a visit to the large gymnasiums of the East.—The Ohio Club appointed committees for the year and arranged for a smoker.—David E. Heineman, of Detroit, was chosen toastmaster for the Michigan Union banquet.—The freshman basketball team played the freshman reserves. The score was 5 to 4 in favor of the reserves.—The Sociology Club held an open meeting at which D. E. Darrah reported upon his recent investigations in Detroit.—"Coriolanus" was presented by Professor Trueblood's class in Shakespeare.—At a meeting of the fresh medics, caps were awarded, the honor system adopted, and plans made to leave as a class memorial a set of scientific illustrations for the benefit of future freshman classes.

Thursday, 6.—The freshman girls met the sophomores in a basketball contest and were defeated 4 to 2.—The business staff of *The Daily* added to its number, Harry Hill, '07, and Carl H. Adam, '10.—The junior lits held a meeting to elect Junior Hop delegates.—Complete sets of Kipling and Victor Hugo were added to the Red Star list. Librarian Koch announced his intention of so arranging the Red Star books that a student observing them throughout the four years of his course would become thoroughly acquainted with the literature of the Romance languages.—Delos Wilcox, secretary of the Detroit Municipal League, addressed the Civics Club on "The Coming Constitutional Convention of Michigan."

Friday, 7.—The junoir laws held a smoker.—The Women's League gave a unique dramatic entertainment in Sarah Caswell Angell Hall, consisting of charades, pantomimes, music, recitations, and scenes from "Bird's Christmas Carol."—The junior engineers held a meeting and arranged for a class smoker.—Professor Jenks, of Cornell, addressed Professor Cutler's class in political economy.—The Deutscher Verein gave an informal dancing party in Barbour Gymnasium.—Tau Beta Pi, an honorary engineering society, held their annual banquet and initiation.

Saturday, 8.—The presentation of the Chase memorial portrait of President Angell occurred in University Hall at 4 p. m.—The annual Michigan Union banquet was held in Waterman Gymnasium in the evening.

Sunday, 9.—Professor Coler gave his Sunday noon lecture in the Bible Chair Building, on "The Rise and Power of the Young Man Joseph."—L. Wilbur Messer, of Chicago, addressed the Young Men's Christian Association.

Monday, 10.—Raymond C. Davis, Librarian Emeritus, lectured on "Dramatic and Lyric Poems" in Tappan Hall.—The Chase portrait of President Angell was temporarily hung in the library reading room.

Tuesday, 11.—Mme. Olga Samaroff, pianiste, appeared in University Hall in the Choral Union series of concerts.—The girls' indoor baseball team was organized.

Wednesday, 12.—The Michiganensian board of control opened two art contests, one for headings, and another for full page drawings such as precede different sections of the book. Prizes will be awarded in each contest.—Professor Hussey gave an address on "New Studies of the Stars," in the New Medical Building.—President Angell requested all candidates for the Rhodes scholarship examination, to be held January 17 and 18, to report to him.—The Cosmopolitan Club announced a unique entertainment to be given after the Christmas holidays.

Thursday, 13.—The Cercle Français gave a soiree in Sarah Caswell Angell Hall.—The preliminary tournament of the Fencing Club was held.—Committees for the Junior Hop were announced.—Professor Trueblood's class in Shakespeare announced "A Comedy of Errors," to be given in January.—The Medical Society held a reception and listened to an address.—At a meeting of the Oratorical Board, the following subject was chosen for the annual cup debate: "Resolved, that the United States should adopt the policy of subsidizing the merchant marine."—The sophomore lits engaged a hall for class gatherings to occur every other Friday evening through the winter.

Friday, 14.—The junior girls defeated the freshmen in basketball with a score of 5 to 0.—Omega Phi, the women's literary society, gave a Bret Harte program.—The Young Men's Christian Association held their tenth annual banquet.—The senior lit dance occurred in Barbour Gymnasium.—The junior engineers held a smoker.—The Jeffersonian Society held an election of officers, followed by an informal banquet. The new officers are: President, G. B. Findley; vice-president, O. B. Irwin; secretary, E. J. Watters; critic, Joseph Sanford; marshal, Joseph H. Gugenheim.—An Indiana girls' club was organized.

Saturday, 15.—The annual Freshman Spread was held in Barbour Gymnasium.—Ex-Congressman Weadock addressed the

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Catholic Students' Club in University Hall, on the subject, "Le Pere Marquette."—The senior laws held a smoker.—The Engineering Society held their annual reception in the New Engineering Building.

Monday, 17.—Memorial services for Dr. William J. Herdman were held in Sarah Caswell Angell Hall.—Raymond C. Davis, Librarian Emeritus, lectured on "Novels," in Tappan Hall.

Tuesday, 18.—The Student Council met and took up the question of changes in the annual Fresh-Soph Rush rules.

Wednesday, 19.—An historical recital on "Beethoven" was given by Professor Albert Lockwood, of the University School of Music, in Frieze Memorial Hall.—Magoffin was elected captain of the 1907 football team.—The committee on the annual rush, composed of members of the Student Council and members of the two lower classes, reported a set of regulations to govern the annual rush and make it fairer and more interesting.—The Christmas number of the *Inlander* appeared.

Thursday, 20.—Fourteen members of the 1906 football team received their "M's" and twenty-three reserves were given "R's."—Professor Béziat de Bordes lectured on "Le théatre de Victor Hugo."—A large number of candidates for the Comedy Club tried for positions on the cast of "A Scrap of Paper," to be given later in the year.—The Philological Society held a meeting at which Mr. W. E. Bohn read a paper on "Dryden's Literary Criticism."—The Toastmasters' Club gave a banquet and dance in Barbour Gymnasium.

Friday, 21.—The University closed in all departments for the holiday vacation.

UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

COLLEGE CUSTOMS AT THE UNIVERSITY

Notwithstanding the fact that Michigan is still a young college in comparison with many eastern universities, yet the undergraduates have accumulated a very respectable number of college traditions and customs, which throw about the prosaic dullness of class and study routine, a glamour that furnishes smiling reminiscences in the post-college days. These traditions and customs may lack all the stage accessories of ivy-covered halls and moss-protected boulders but just the same, the student heart holds them very dear and looks forward to the time of their observance with keen anticipation.

When college opens in the fall and ye all-wise Freshman is given unceremonious introduction to the various niceties of university life, he learns from eager informants of that ordeal, known as the "banner-scrap." Venerable upperclassmen seek to organize these foundlings into systematic forces and sophomores tell of the doom which awaits their hated rivals. Then, on a Friday evening several weeks after college has started, these members of the youngest class are formed about a flag-pole, located on the east side of the Campus. This flag-pole bears their first symbol of class unification and they are there to defend it with all the energy and determination that they possess. At a given signal, the Sophomores rush this band of Freshmen and the struggle lasts until the flag is captured by the older class, or until the Freshmen have defended it for thirty minutes . It might be added here that the new men are seldom victorious. After the contest proper has been concluded, both classes indulge in a series of contests, the primal object of which is to force one another up trees.

This banner contest, probably the most firmly established of any Michigan custom, affords a final vigorous outlet for underclass rivalry and practically ends any attempt at supremacy during the fall and winter months.

Class distinctions slumber peacefully during the cold weather until, as February draws to a close, the Freshmen prepare for their annual banquet at Granger's Academy. Now the Sophomore sits up to take notice and for several days before the affair and especially upon the evening of its occurrence, his principal aim in life is to keep as many of the new men from attendance, as possible. This affair was, in previous years, accompanied by the undesirable practice of shaving the hair from the heads of all Freshmen captured. However the sentiment was strongly against such methods and found expression last spring in the complete abolishment of "haircutting," for all time. This annual spring rivalry between the two classes generally extends through a period of several days and affords opportunity for many amusing incidents and exhibitions of individual nerve or daring.

Following the underclasses, for, associated with these Freshmen and Sophomore years are a majority of the college customs, one soon notices elaborate prepara-

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tions for the four big contests which are scheduled to occur during the second week in May. These class contests were arranged in the spring of 1906 for the first time, but proved so complete a success and filled so evident a need that there seems little doubt but that the fun will become a permanent feature of University life.

The first contest in the series comes on a Friday afternoon and consists of a tug-of-war across the Huron river. Sixty of the most husky men from each class are chosen and these contestants have for their battle a rope 350 feet long. To win, one class must pull the other so completely through the river that a flag fastened to the middle of the rope is high and dry on their side. The student council has charge of this affair and its members spare no precaution to insure the safety of both contestants and spectators. On the evening of the day when the tug-of-war is settled, the great rock scrap occurs on the Campus. Here, the older class is expected to guard the Campus from 8 o'clock in the evening until 6 o'clock the next morning. The Freshmen will do their level best to carry a large numeral rock upon the Campus within that time. If they succeed, these first year men are allowed to place the rock, bearing their numerals, wherever they desire. If the Sophomores win, a similar privilege is accorded to them.

Before the men have fairly done with the stirring events of rock night, the two classes are assembled on Ferry Field and conclude their strenuous rivalry with a monster relay race and a push ball contest. Both these affairs, as with the two events on Friday, are so arranged that every man in the class is practically given an opportunity to work off his spare energy. Now the rivalry is ended and May and June see only days full to the maximum of an appreciation of all that college and college associations mean. Freshman and Sophomore forget the difference in time an denjoy life as only the carefree lighthearted student is able.

Then on the first Saturday night in June comes the celebration of what is universally known as "Cap night." At that time all Michigan men, regardless of department or class, gather in Sleepy Hollow, a natural amphitheatre back of the Homoeopathic hospitals, and there enjoy a huge bonfire. Songs, speeches and cheers are the order of the occasion and finally a great line is formed and as the crowd circle about the blaze each Freshman present throws into the flames the gray class cap which he has been obliged to wear all the year,—the verdant first year man has come into his own!

Outside of these observances, which most vitally concern the members of the two underclasses, Michigan men have several customs in which they take more or less pleasure. No student can wear a block M or university insignia unless granted that honor because of signal athletic application and success, and likewise, all class numerals are to be worn only when presented by the class. During the fall and spring months the Seniors gather about their "Senior bench" once every week and enjoy a "sing." These informal gatherings, during the last year are sincerely treasured by every member of the class and form a simple yet strong feature of the life. Along this line, no one except a Senior is supposed ever to sit upon the "bench" and the distinction is generally maintained. As in all other colleges, there is a final week in June, completely given over to the Seniors and during that time they enjoy a full program of class observances and exercises. Thus the four years are closed with a solemn remembering of the many different joys and sorrows which have rounded out their hours and with reverence and pride the graduate rises on Commencement Day, as he has always done, to sing with bared head Michigan's college song, the "Yellow and the Blue." Customs or traditions have not filled his life to the exclusion of everything else but they have formed a very real and happy part in the metamorphosis from Freshman to Senior and then to alumnus.

DEMOCRACY OF STATE SCHOOLS

In view of the history of the University of Michigan and other similar institutions in other states, it certainly does not seem possible that the state universities of the West will ever for any considerable period be treated by the states in any but the most liberal fashion. The increasing insistence upon their rights by the working classes as opposed to the capitalistic class, is a fact that makes the future of the state universities still more assured. The wealthy man, or even the well-to-do-man, will never find it impossible to buy for his children the best training that the endowed schools can give. If there is any meaning in the past insistence of the people of the western and middle western states upon education, the meaning is that they realize its value. Democracy has provided good schools for all. The tendency of the endowed or private school, wherever its fees are high, as generally they are, is toward aristocracy and class distinction. In the class struggles now everywhere prominent, the class that has to fight upward

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will not throw away its strongest weapon, equal educational advantages. The increased cost of scientific methods, now found necessary, may perhaps cause democracies here and there to complain and hesitate. But up to the present the commonwealths have met this increased cost without serious objection—and have met it liberally. It should not be overlooked that the large appropriations voted to the necessities of the scientific methods within the last dozen years, have been voted largely by citizens to whom "scientific methods" is little more than a name. Now, however, the boys and girls who have been educated under the newer régime have begun to take their parts in the body politic. If their fathers, to whom the word "education" unconsciously suggested the spelling-book, the arithmetic, the reader, the text-book, and lecture, without a hint of the laboratory, have given in taxes the vast sums spent in scientific education in these states within the last twenty years, why should we distrust the younger generation whose schooling has familiarized it with these expensive items of present day schools?

MICHIGAN GRADUATES IN DEMAND FOR TEACHERS

The University of Michigan holds an enviable place among educators in the East and carries one of the strongest reputations of any university in the country as an institution for "making" good teachers. At least this is the verdict of the teachers' agencies in all parts of the country. A. G. Fisher, of Boston, manager of an agency bearing his name, said recently in talking with the writer:

"My work is such as to bring me in contact with superintendents, principals and college presidents and professors throughout the New England states. I am obliged to cater to their desires and am therefore in a position to know exactly what they want. I have had some Michigan people enrolled with me and have had no trouble whatever in placing them. In fact I am sure I could use many more if I could get them."

Mrs. Young-Fulton, who conducts the American and Foreign Teachers' Exchange in New York City, has a very high opinion of University of Michigan graduates and says she would rather have Michigan men and women than graduates from any other universities. She says that there is something in the method of instruction or else in the character of the students who go to Ann Arbor that seems productive of good teachers.

H. R. Reed, of the Reed Teachers' Agency of Syracuse, N. Y., is of similar opinion and also expresses himself on the dearth of young teachers from Michigan from which to select. He said:

"I wish that we could get hold of more Michigan students who desire to teach in the East. I don't know where they go unless it is to the West, for we get but very few here and we could use many."

One example alone of the East's appreciation of Michigan graduates is shown in the case of Stratton D. Brooks, whom old classical Boston has seen fit to honor with the place of superintendent of her schools.

THE UNIVERSITY AND THE STATE

The organization and the purposes of the University of Michigan are thus set forth, officially, on the first page of the annual calendar of the University:

"The University of Michigan is a part of the public educational system of the state. The governing body of the institution is a Board of Regents, elected by popular vote for terms of eight years, as provided in the constitution of the state. In accordance with the law of the state, the University aims to complete and crown the work that is begun in the public schools, by furnishing ample facilities for liberal education in literature, science, and the arts, and for thorough professional study of engineering, medicine, law, pharmacy, and dentistry. Through the aid that has been received from the United States and from the state, it is enabled to offer its privileges, with only moderate charges, to all persons of either sex, who are qualified for admission. While Michigan has endowed her University primarily for the higher education of her own sons and daughters, it must be understood that she also opens the doors of the institution to all students, wherever their homes. It is in this broad, generous, and hospitable spirit, that the University has been founded, and that it endeavors to do its work."

THE SAGINAW FOREST FARM

Special facilities for the study of forestry at the University of Michigan are supplied by the Saginaw Forest Farm, a tract of land about one mile west of the city of Ann Arbor, presented to the University by the Honorable Arthur Hill, of Saginaw. The farm, comprising eighty acres, is a typical example of the low hilly land of the drift district, and contains as great a variety of topographical and soil conditions as could be expected in an area of this extent. Its soils vary from heavy clay to sandy gravel. In addition to its other good features, there is a lake of clear wat-

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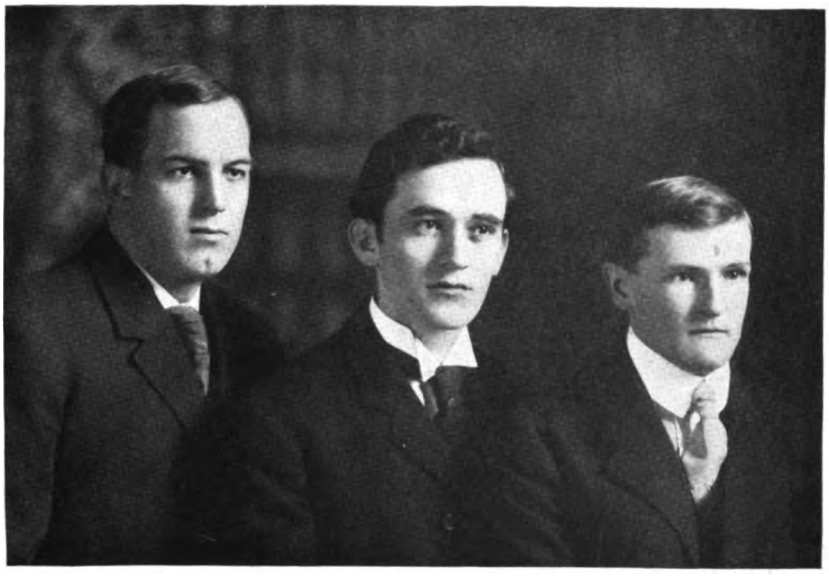
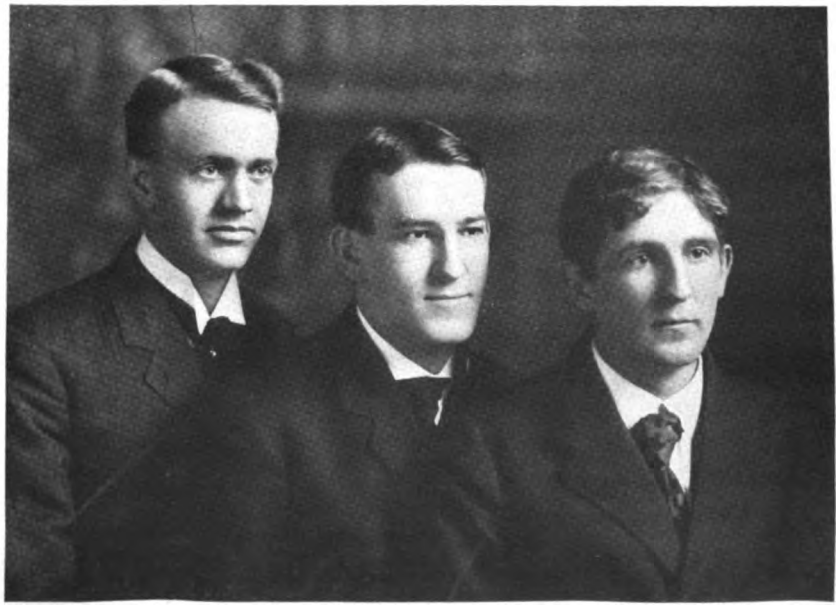
MICHIGAN'S DEBATING TEAMS

FRIDAY, JANUARY 18, 1907



THE TEAM WHICH MET CHICAGO

G. H. Downer, '07*l* A. D. Pearce, '08 S. W. Downey, '08*l*.



THE TEAM WHICH MET NORTHWESTERN

George Eves, '09 J. W. McCandless, '08 Sheridan Downey, '07*l*

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er, from ten to fifty feet deep and covering an area of twelve acres.

The farm is to serve as an object lesson in forestry. Upon it provision is to be made for (1) an arboretum of all useful forest trees that can grow in Michigan; (2) demonstrative areas for seed-bed and nursery work; 3) model plantations of forest trees, and (4) special experiments in forestry, relating to various methods of propagating different kinds of timber, to the raising of particular forest products, and to other practical purposes.

CLASS IN JOURNALISM EDITS A NEWSPAPER

An opportunity in practical journalism has been offered to the students in newspaper work at the University of Michigan this past week. The students in the course in journalism offered by Assistant Professor Joseph M. Thomas in the absence of Professor Scott, edited and published three numbers of the student paper, "*The Michigan Daily.*"

The work was laid out on the lines of a regular newspaper organization, with a managing editor, athletic editor, news editor, and woman's editor, together with a staff of "associate editors" or reporters. In addition to assigning the work the student staff also had charge of the copy-reading, proof-reading and make-up of the paper. The result was on the whole, very creditable to the embryo newspaper men and women.

In the several laboratories of the University opportunities are provided for practical instruction in physics, chemistry, geology, zoology, psychology, botany, forestry, actuarial work, engineering, histology, physiology, hygiene, electrotherapeutics, pathology, anatomy, and dentistry.

ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

UPPER PENINSULA ALUMNI ORGANIZE

Word has come to THE ALUMNUS of the organization of an Upper Peninsula Alumni Association, at the meeting of the Upper Peninsula Educational Association at Menominee October 12. About forty or fifty alumni were present at a banquet held at the Hotel Stephenson, in that place. After the dinner, a number of toasts were responded to, and a permanent organization was effected.

John A. Doelle, '02, of Houghton, was elected president, Charles E. Cullen, '01, A.M. '03, of Norway, vice-president, and Eloise Bradshaw, '03, of Gladstone, secretary and treasurer. Plans are already under way for a meeting of this association at Escanaba next year at the time of the meeting of the Upper Peninsula Educational Association at that place.

THE NEW YORK ALUMNI MEETING

The annual banquet of the University of Michigan Club of New York was held at the Hotel Astor, Broadway and 44th St., Wednesday, Dec. 19. In its characteristics, it was a Japanese affair. Yeijiro Ono, Ph.D. '89, superintendent of the Bank of Japan, was the guest of honor and made the address of the evening.

The speeches were all short, and special emphasis was made of the singing and musical program. There was a Highland piper and a Scotch singer, a flute soloist from Damrosch's orchestra, three Neopolitan singers, the famous Hungarian orchestra from the Hotel Astor, and also the Astor's Neopolitan orchestra.

The dinner was served in the small ballroom of the hotel. Two rows of tables ran lengthwise of the room, each seating eight. Two strings of Japanese lanterns also ran the length of the hall, while over each table was hung a Japanese umbrella, with a large lantern suspended from its center and numerous smaller ones around the edges.

About sixty men were present. The president of the club, Lindsay Russell, '94, acted as toastmaster. Other speakers than the toastmaster were Mr. Nagai, vice-consul of Japan for New York City, Dr. Alexander McCall, Earl D. Babst, '93, and Karl R. Miner, '97*l*.

While the meeting was not as largely attended as some of the former ones, it was one of the most interesting, and according to the secretary of the New York club, Mr. Sterling St. John, '96, '98*l*, it will go far toward establishing the club on a solid foundation. The committee in charge was as follows: Karl R. Miner, '97*l*, chairman; Henry W. Hubbard, '66; William McAndrew, '86; Earl D. Babst, '93; Howard B. Bishop, '00; Clarence G. Stone, '77*p*; William A. Starret, '93-'95; Temple H. Owens; John B. Tillotson, '92-'96; Claude A. Thompson, '05*l*.

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OMAHA ALUMNI MEETING

Over forty alumni of the University of Michigan were in attendance at the annual banquet of the Omaha Alumni Club, held Thursday evening, Jan. 3. Professor Henry M. Bates, of the Law Department, was the guest of honor and responded to the principal toast. The banquet was held at the Omaha Club. After the menu had been served, the courses of which were punctuated with spirited college songs, the program proper began with "The Yellow and Blue," led by Stanley M. Rosewater, '08*l*, who was the official singing leader.

Gilbert M. Hitchcock, '81*l*, acted as toastmaster. He introduced as the first speaker Casper E. Yost, '59-'61, '63*l*, who was the oldest graduate present, and spoke of life in the University in the early sixties. He proved to be the humorist of the occasion. Robert B. Windham, '73*l*, told some lively tales of student pranks of earlier days and of the law professors of that period. The next speech was given by Professor Henry M. Bates upon "Recent Tendencies at the University." He spoke of the great growth of the University the last few years, approaching almost to the 5,000 mark. He also told of the new buildings; of the new methods of instruction, especially in the Law Department; of the great and unexpected growth in the Engineering Department; of various student happenings; of Faculty changes; and of the purchase of the home of the late Judge Cooley by the Michigan Union for a Club House in which is to be centered the social life of the University. He also told something of the ideals and purposes of the Union and pointed out that it will take at least $500,000 for such a building as is needed.

The Hon. Clement F. Kimball, '93-'94, of Council Bluffs, answered to the toast "Reminiscences" and gave a number of them. Albert W. Jefferis, '93*l*, told of the early history and purposes of the University in response to a toast entitled "The Light House." Michigan from a Medical Standpoint" was discussed by Dr. Donald Macrae, Jr., '91*m*, Mayor of Council Bluffs. Charles G. McDonald, '00*l*, in his response "What the University means to the Alumni" pointed out that the progress of the world is tending away from materialism rather than toward it, thanks to University ideals as carried out in the world by her alumni. "The Michigan Union" was the subject of further discussion by Charles E. Smoyer, '06*l*, who went more into the details of the Club House and the advantages to be gained from it by the students. A congratulatory telegram was also sent to President Angell. The Victors, sung by everyone, concluded the program.

The alumni present were: James H. Adams, '92*l*; Louis Berka, '83*l*; Frank Crawford, '93*l*; Lodowick F. Crofoot, '88*l*; Charles F. Crowley, '89*p*; Charles L. Dundey, '91*l*; Alfred G. Ellick, '00*l*; George L. Fisher, '80*e*; William M. Giller, '86; Gilbert M. Hitchcock, '81*l*; Albert W. Jefferis, '93*l*; Lester Kirschbaum, *e*'01-'04; Frederique P. Loomis, '94-'95; Charles G. McDonald, '00*l*; Victor R. McLucas, '05*l*; Jesse J. McMullen, '93*d*; Laureston A. Merriam, '73*m*; Edgar M. Morsman, Jr., '93, '95*l*; Richard C. Peters, '82-'84; John A. Rine, '00*l*; Charles E. Smoyer, '06*l*; James M. Fitzgerald, '06*l*; Seymour M. Sadler, '74; John R. Webster, '72-'73; Casper E. Yost, '59-'61, '63*l*; Isador Ziegler, '99*l*; Jess P. Palmer, *l*'02-'05; Donald Macrae, '91*m*; Clement F. Kimball, '93-'94, '95*l*; Robert B. Windham, '73*l*; Stanley M. Rosewater, '08*l*; Charles N. Wood, '82*l*; William R. Wood, *e*'96-'97; James W. Bell, '06*l*; Dexter L. Thomas, '70*l*; Henry A. Reese, '93*l*; Francis L. Weaver, '86, '87*l*; Henry M. Bates, '90.

ALUMNI BANQUET IN OKLAHOMA

The second annual banquet of the University of Michigan Alumni Association of the State of Oklahoma was held at the Busby hotel, South McAlester, Friday, Dec. 28. Just before the banquet President DeBarr called the meeting to order and the secretary, W. H. Fuller, offered the following amendment to section 8 of the by-laws, which, after some discussion, was unanimously adopted: "Sec. 8. (A) The charge for membership enrollment in this Association shall be $5.00 for all persons eligible to membership who have resided within Oklahoma or Indian Territory for the period of one year previous to becoming members of this Association; and for all those who become members of this Association within one year after becoming citizens of either of said Territories or of the New State the charge shall be $1.00.

The payment of said sum of $5.00 or of $1.00, as the case may be, shall relieve such person so paying, from the payment of the first year's annual dues.

Provided, however, that any person eligible to membership who pays his or her annual dues of one dollar for the year 1906 on or before Feb. 1st, 1907, shall be considered a member in good standing, without reference to the length of time he or she may have resided in the two territories.

(B) The annual dues of this Association shall be $1.00, payable on or before the annual meeting; provided, however,

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that if such annual dues are not paid on or before each annual meeting, that such member so refusing or neglecting to pay the same shall be dropped from the roll of membership, and for purposes of re-enrollment, such member shall be considered as a new member and subject to the provisions of part (A) of this by-law.

(C) The annual charge for the banquet shall be $2.00 per plate."

The Association then proceeded to elect officers for the ensuing year. The following members of the Association were elected: Myron R. Sturtevant, '96*l*, Oklahoma City, president; George T. Ralls, *l*'89-'91, Atoka, vice-president; Ezra Brainerd, '04*l*, Muskogee, secretary; James I. Chenoweth, '01*l*, Oklahoma City, treasurer. The following is a program of the toasts at the banquet: Toastmaster, Edwin DeBarr, '92; Address of Welcome, Edward H. Troy, '91*m*; Response, James T. Shipman, '06*l*; Our Part in the Making of a New State, George T. Ralls, *l*'89-'91; Reminiscences of the Law Department, Ezra Brainerd, '04*l*; Athletics, Ralph A. Smith, '03*l*; Ypsilanti, Charles J. Bacher, '80-'82, *l*'83-'84; University of Michigan, letter from President James B. Angell; Yell Master, Homer C. Washburn, '02*p*; Band Master, David I. Johnston, '03*l*.

The following were present during the evening: James I. Chenoweth, '01*l*, and wife, Oklahoma City; Edwin DeBarr, '92, and wife, Norman; Kent V. Gay, '99-'00, South McAlester; Mary J. Forsyth, '76*m*, South McAlester; W. Hayes Fuller, '91*l*, and wife, Norman; Kent V. Gay, *a*'99-'00, Ralls, *l*'89-'91, and wife, Atoka; Ezra Brainerd, '04*l*, Atoka; James T. Shipman, '06*l*, Bartlesville; Thomas R. Dean, '99*l*, and wife, South McAlester; Ralph A. Smith, '03*l*, and wife, South McAlester; Edward H. Troy, '91*m*, and wife and daughter, South McAlester; William H. H. Clayton, '02, '04*l*, Muskogee; Charles J. Bacher, '80-'82, *l*'83-'84, Shawnee.

The Association has 196 graduates of the University with an estimate of 25 to 50 whose names are not yet secured. This gives the largest Alumni Association of any university or school in the new state.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'53

George M. Lane, '53, A.M. '60, Brevet Major, 1865, is now living at 34 Melbourne Ave., Detroit, Mich. His daughter, Ruth Winifred Lane, graduated from her father's Alma Mater with the class of '91.

'61

Rev. Calvin P. Quick, '61, AM. '64, who has spent twenty years of service in Concord, Mich., has now removed to Birmingham, Mich., and writes that he has been in poor health for over a year.

'64

'64m. Elmore Palmer, 309 Plymouth Ave., Buffalo, N. Y., Secretary.

The medical class of 1864 will hold its next reunion during Commencement week, 1907.

John A. Kumler, '64*l*, D.D. (Ill. Wesl.) '96, for several years chancellor of Illinois Wesleyan University, has for the last two years been president of Walden University, Nashville, Tenn.

The '64 medics will hold their next reunion during commencement week of June, 1907. It is hoped that nearly all of the twenty-three classmates still living will be present. Further arrangements will be made later by the class secretary.

Alexander Gunn, '64*m*, was born at Digby, Digby Co., Nova Scotia, Jan. 13, 1833. The same year he removed with his parents to Elgin, Ont., where he later attended the country schools. At the age of sixteen he was left an orphan and began life for himself. He took up the study of medicine at twenty-four, attending three courses of medical lectures in the University, and was graduated with the class of 1864. In the fall of 1865 he located in Macomb Co., Mich., where he has remained during his whole professional life. He has been twice married—by his first wife he had one son and two daughters—the son only is still living. He has no children by his second wife. He is a member of the Macomb County Medical Society, also of the Michigan State Medical Society. He has

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always been greatly interested in sanitary and educational matters, and has served his town as health officer for many years as well as trustee for schools for several years. He was president of the village two years. Although seventy-four years of age, the doctor is hale and hearty and still in the active practice of his profession. He may be addressed, New Haven, Macomb Co., Mich.

'66

'66. Oliver P. Dickinson, 10 N. Jefferson St., Chicago, Secretary.

William Crawford, *m*'64-'66, M.D. (Wooster) '66, has retired from the practice of dentistry at Washington Ia., and is now residing at Argyle, N. Y.

Henry M. Fowler, *m*'64-'65, is now living at Lamar, Colo.

John T. Harbine, *l*'64-'65, has removed from Alpha, Ohio, to Xenia, Ohio.

Elwin E. Parmenter, *l*'64-'65, of Rock Island, Ill., has just entered upon his second term as county judge.

Watson Parrish, 66*l*, may be addressed at 902 N. Madison Ave., Pasadena, Calif.

'68

Charles M. Taylor, *m*'66-'67, is pastor of the Congregational church at Otsego, Mich.

Harrison A. Nichols, '68*m*, formerly at Whitmore Lake, is now at Plymouth, Mich.

Francis E. Corey, '68*m*, is now proprietor of a retreat for nervous invalids at Alhambra, Calif., eight miles from Los Angeles in the western part of the San Gabriel valley.

'69

'69. William A. Butler, Jr., 883 Second Ave., Detroit, Secretary.

William T. Frieze, '65-'66, has removed his law practice from Pulaski, Ill., to Creal Springs, Ill.

William W. Lockwood, '65-'66, formerly in the lumber business in Detroit, Mich., is now at 606 W. 115th St., New York City.

Enos K. Strawn, *m*'67-'68, M.D. (Fort Wayne) '80, formerly at Madison, Pa., may now be addressed at West Newton, Penn.

Estel H. Rorick, '69*m*, is now superintendent of the institution for the feebleminded at Columbus, Ohio.

Joseph M. Gaige, '69*l*, formerly a banker at Croswell, Mich., is now living at 2947 Halldale Ave., Los Angeles, Calif.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Peter Manson, '70*m*, has moved from Virginia City, Nev., to Fresno, Calif.

George W. Adair, '70*m*, now makes his headquarters at the Army Bldg., St. Paul, Minn.

John M. Doubleday, '70*l*, formerly of Blackstone, Kans., is now residing at Caldwell, Kans.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

Samuel V. Romig, '70*p*, '72*m*, formerly of Rockford, Ill., may now be addressed at 2604 W. Winchester Ave., Chicago, Ill.

William J. Taylor, '72*m*, is now located at Longdale, Okla.

'74

'74. Levi D. Wines, Ann Arbor, Secretary.
'74m. William C. Stevens, Detroit, Secretary.

George L. Harding, '74, A.M. '77, who was superintendent of Schools at Rome City, Ind., last year may now be addressed at Delta, Colo.

Townsend I. Sutton, '70-'72, formerly of Sutton, Mich., may be addressed at Box 121, Cascade, Mont.

Isaac N. Willard, *m*'72-'73, M.D. (Bellevue) '75, now resides at 23 Devereaux St., Utica, N. Y.

Burnett M. Short, '74*l*, formerly of Ogden, Utah, has removed to Fredonia, Kans.

Milton E. McLinn, *m*'72-'73, is now living at Apollo, Pa.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

George M. Harrison, '75*m*, is now living at Meshoppen, Pa.

George E. Sanford, '75*m*, is practicing in Saline, Mich.

Elmer J. Potter, *m*'73-'74, M.D. (Cincinnati) '75, is now located at Carleton, Mich.

David E. Dozer, '75*l*, formerly of Defiance, Ohio, has removed to Roswell, New Mexico.

'77

Ellen C. Hogeboom, '77, M.S. '95, is principal of "Margaret Hall," Versailles, Ky. The school was formerly known as Ashland Seminary.

Lemuel W. Clark, '77, has just entered his tenth term as City Clerk of Redlands, Calif.

Edward A. Romig, '77*m*, has removed from Big Rapids, Mich., to Newberg, Ore., and is practicing in partnership with Dr. Harry A. Littlefield.

Franklin D. Hale, '77*l*, formerly of Lunenburg, Vt., has removed to Coaticook, Canada.

William L. Long, '77*p*, formerly of New Haven, Ohio, is now proprietor of a drug store at 2023 S. Parsons Ave., Columbus, Ohio.

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'78

Louis K. Webb, *l*'73-'74, '78, A.M. (Stanford) '98, formerly principal of the High School at Crockett, Calif., is now in the real estate business in Los Angeles. Address, 961 Orange St.

George F. Foster, '74-'76, A.B. (Yale) '79, may be addressed at The Homestead, Rudgewick, Sussex, Eng.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Mrs. Samuel M. Stocker, '80, who will be remembered as Stella Prince, may be addressed at 1014 E. 2nd St., Duluth, Minn.

Theodore C. Peterson, '80*m*, located in Sharon, Pa., about three years ago.

Walter E. McChesney, *m*'78-'79, M.D. (Buffalo) '82, formerly of Pekin, N. Y., is now residing at 1132 Pierce Ave., Niagara Falls, N. Y.

Thomas M. Sloane, '80*l*, of Sandusky, Ohio, now holds the office of Probate Judge.

Isaac C. Wade, '69-'70, '80-'81, '80*l*, is now located at Cornelia, Ga.

Eugene A. Lilly, '80*p*, is now managing "Farm and City Loans" in Tulsa, Okla.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907.

Charles H. Hodges, '78-'80, may be addressed at 541 Jefferson Ave., Detroit, Mich.

Benjamin Douglas, '78-'82, C.E. '04 (Nunc pro tunc) '82, is working on the Detroit River tunnel, Detroit, Mich.

William E. Martin, '82, formerly with C. A. Smith Lumber Co., Minneapolis, Minn., has changed his address to 1921 Cass St., Omaha, Neb.

John L. Livingston, *m*'78-'79, '80-'82, is now living at Wells, Minn.

Thomas A. Thompson, *l*'80-'81, formerly of Sioux City, Iowa, is now at 1548 Gaylord St., Denver, Colo.

George I. Hammond, *l*'80-'81, may be addressed at 307-8 City Nat'l. Bk. Bldg., Lexingston, Ky.

William F. Reed, '82*l*, formerly of Syracuse, Kans., is now located at Pomeroy, Ohio.

Edward J. Carey, *l*'80-'82, formerly of Calumet, Mich., may be addressed at Aberdeen, Wash.

Louis J. Fasquelle, '82*p*, *m*'82-'83, is now residing at 601 Canal Road, N. W., Cleveland, Ohio.

Romeyn M. Paine, '82*d*, is engaged in the practice of dentistry in Suite 1018 Reliance Bldg., 100 State St., Chicago, Ill.

'83

David G. Taylor, '83, is practicing law at 305 Merchants Trust Bldg., Los Angeles, Calif.

Edwin N. Brown, '83, Ph.D. '02, is now Superintendent of the Ohio State School for the Blind at Columbus, Ohio.

Wilbert A. Uhl, *m*'80-'81, M.D. (Fort Wayne) '82, formerly of Gardner, Kans., is now located at Baldwin, Kans.

Cornelius M. Wright, '83*m*, may be addressed at Garwood, Texas.

Addison D. Hard, '83*m*, is now practicing medicine and surgery at Marshall, Minn.

Frank C. Myers, '83*m*, may be addressed at 323 Peyton Bldg., Spokane, Wash.

Henry A. Armstrong, '83*l*, has removed from Williamsport, N. Dak., to Linton. N. Dak.

Orange P. Barnes, *l*'81-'82, is engaged in the publishing of school books. Address, 378 Wabash Ave., Chicago, Ill.

Oliver S. Ledman, '83*p*, may now be addressed at 5639 Bartmer Ave., St. Louis, Mo.

'85

'85. John O. Reed, Ann Arbor, Secretary.

Julius H. Bloedell, '81-'82, formerly in the coal mining and lumber business, Whatcom, Wash., has removed to Bellingham, Wash.

Horace L. Combs, '81-'82, may be addressed at 72 First St., Huntington, Ind.

John W. Ringer, '85*m*, formerly of Byesville, Ohio, has removed to Cambridge, Ohio.

Andrew J. Hosmer, '85*m*, has removed from Trenhouse, Utah, to West Jordan, Utah.

Charles E. Parker, '85*p*, is now employed in the Bureau of Chemistry, Department of Agriculture, Washington, D. C.

Oscar B. Lundy, '85*d*, may now be addressed at Bottineau, N. Dak., instead of Inkster, N. Dak., as formerly.

'86

Henri D. Allison, '82-86, formerly of Anacortes, Wash., may now be addressed at 61 Starr Boyd Bldg., Seattle, Wash.

Frank M. Bingham, '82-'84, formerly U. S. Transportation Agent, is now Military Editor of the St. Paul Dispatch, with an office in the Army Bldg.

Rev. Fred E. Britten, '86, may be addressed at 86 Ellery St., Cambridge, Mass. His wife will be remembered as Flora P. Harley, '82-'84.

George P. Fleisher, '86, is with the McCray Refrigerator Company, Kendallville, Ind.

Alfred O. Crozier, '86*l*, formerly of

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Grand Rapids, Mich., may now be addressed at 810 Broome St., Wilmington, Del.

Frederick B. Shepherd, '86*l*, may be addressed at 71 Broadway, New York City.

John W. McLachlan, '86*h*, eye, ear, nose and throat specialist, has his office in the Alaska Bldg., Seattle, Wash.

'87

John A. McLeay, *m*'83-'84, M.D. (Toronto) '89, formerly of Watford, Ontario, may now be addressed at 516-517 Fourth National Bank Bldg., Atlanta, Ga.

Dr. Mary E. Goble, '87*m*, may be addressed at Peekskill, N. Y.

Rev. Joshua A. Lippincott, LL. D. '87, has recently removed from 1707 Arch St., Philadelphia, Pa., to Seattle, Wash.

Clinton W. Howard, '87*l*, may be addressed at Bellingham, Wash.

John A. Fairchild, '87*l*, may be addressed at 2193 Fillmore St., San Francisco, Calif.

Georg W. Saulsberry, '87*l*, formerly of Middleboro., Ky., may now be addressed at 306 Marion Blk., Seattle, Wash.

Lyman H. Coleman, *l*'83-'84, may now be addressed at 3144 Dover St., Chicago, Ill., instead of 965 Perry, as formerly.

William R. Payne, '83-84, *d*'82-'83, is secretary of the American Mutual Life Insurance Co. of Chicago, and may be addressed at 1555 First National Bank Bldg., Chicago, Ill.

'88

James F. Parr, '84-'86, of East St. Louis, Ill., is now assistant city engineer. Address 529 N. 23rd St.

Rev. Edwin S. Shaw, '88, is now field secretary of Fargo College, Fargo, N. Dak., and may be addressed at Ulva, N. Dak., R. F. D. 2.

Anson B. Curtis, '88, is pastor of the Congregational church at Onondaga, Mich.

Louis B. Ambler, '84-'86, B.S. (Univ. of Pa.) '00, has removed from Philadelphia to Jenkintown, Pa.

Ireton Jackson, '84-'87, '88-'89, is at present tool maker in the shops of the Allis-Chalmers Co. at Kenosha, Wis., and lives at 688 Exchange St.

Katherine H. Reynolds, '84-'85, Ph.B. (Chicago) '00, formerly principal of the high school at Aurora, Ill., may now be addressed at 1726 Harvard Ave., Seattle, Wash.

James T. Cooley, '88*l*, may be addressed at 2037 Washington Ave., New York City.

Ernest H. Jackson, '88*l*, is now living at 606 Washington Ave., Kansas City, Kan.

John R. Sapp, '88*l*, formerly of Galena, Kans., is now located at Silverton, Colo.

William S. Frost, '88*l*, at one time a broker at Bristol, Tenn., is now general secretary of the Y. M. C. A. at Nashville, Tenn., and may be addressed at 2004 Arena Place.

Lizzie A. Hendershott, '88*h*, has removed from Irving, Mich., to Middleville, Mich.

'89

Gael S. Hoag, '85-'86, may be addressed at Ely, Nev.

Frank W. Hawks, '89, may be addressed at 408 Arroyo Terrace, Pasadena, Calif.

Nathan E. Van Tuyl, '89*l*, is now practicing at Sedan, Kans., under the firm name Sproul & Van Tuyl.

&

Robie L. Reid, '89*l*, formerly of New Westminster, B. C., has removed to 537 Hastings St., Vancouver, B. C.

Firdinand E. Parkinson, '80*p*, received the degree of M.D. from the Michigan College of Medicine and Surgery in 1901, and is now official surgeon of the Plate Glass Co., of Saginaw, Mich., as well as president of the Union Drug Co., of that city. Address, 401 N. Fayette St.

Harry A. Allshouse, '89*p*, may be addressed at 2834 E. 6th St., Kansas City, Mo.

August C. Zeig, '89*p*, may be addressed at 1837 University Ave., St. Paul, Minn.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Prof. Benjamin Cluff, '90, M.S. '94, at one time president of Brigham Young Academy, may now be addressed at Hacienda, Lagunillas, Tabasco, Mexico.

Malcolm G. McNiven, '90*m*, is temporarily located at "The Knickerbocker," corner Boren and Union, Seattle, Wash. He expects to be there about eight months longer.

Jesse W. Riddle, '90*l*, formerly superintendent of public schools in Corydon, Ind., now holds the same position in Lawrenceburg, Ind.

Chester W. Brown, *l*'86-'87, is now vice-president and manager of the city department of the Mexican Gulf Land Co., and owner of Henderson's Point. His address is 607 Hibernia B. & T. Bldg.

John B. Chaddock, '90*l*, may be addressed at 1501 N. W. Lamont St., Washington, D. C.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.

Walter K. Seelye, '87-'88, M.D. (Iowa) '92, has removed from Dubuque, Iowa, to 603 Eitel Bldg., Seattle, Wash.

Ruth Winifred Lane, '91, has changed her address in Detroit to 34 Melbourne Ave.

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Rev. Samuel M. Dick, Ph.D. '91, is now at Worcester, Mass., and may be addressed at 4 Mt. Pleasant St.

Conway A. Frost, *m*'87-'89, M.D. (Bellevue) '90, has removed his practice from Rome, N. Y., to 26 Winston Pl., Utica, N. Y.

James C. Scott, *m*'87-'88, M.D. (Univ. of Pa.) '93, is superintendent of the Pennsylvania Epileptic Hospital and Colony Farm, Oakbourne, Chester Co., Pa.

Frederick A. Henry, '91*l*, A.M. '91, is now judge of the circuit court of Ohio, and resides at 1817 E. 63rd St. N. E., Cleveland, Ohio.

Jesse C. Petherbridge, '91*l*, has removed from Leavenworth, Kans., to Kansas City, Mo. Address, 419 New York Life Bldg.

Stoughton W. Rose, *p*'87-'88, may now be addressed at 1708 Niles Ave., St. Joseph, Mich.

Henry P. Snow, '91*p*, is travelling salesman in New York state for Johnson & Johnson, manufacturing chemists, of New Brunswick, N. J.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

Jesse M. Wiswell, '88-89, *p*'89-'90, may now be addressed at Mount Auburn, Ill., instead of Decatur, Ill., as formerly.

Frank B. Graves, '88-'90, formerly merchant at Fairhaven, Wash., may now be addressed at the City Hall, Bellingham, Wash.

Edward W. Cressey, '88-'89, is now secretary and general manager of the German American Sugar Company of Bay City, Mich.

James Van Inwagen, Jr., '88-'91, *l*'91-'92, is president and general manager of the Tiffany Electric Manufacturing Company, dealers in Tiffany electric clocks, 437-453 Eleventh Ave., New York City.

John N. Swartz, '92*m*, formerly of Hamburg, Mich., may now be addressed at 69 E. Willis Ave., Detroit, Mich.

Othello F. Andrews, *l*'88-'89, LL.B. (Chicago Coll. of Law) '98, resides at Berwyn, Ill. His business address is 146 Franklin St., Chicago.

Daniel W. Yancey, '92*l*, may now be addressed at Livingston, Mont., instead of Butte, Mont., as formerly.

Edwin L. Eaton, *l*'88-'89, is now living at Gardner, Kans.

Mary K. Heard, '92*p*, has taken up the practice of medicine at 24 N. Clinton St., Iowa City, Iowa, having received the degrees of Ph.B. and M.D. from Iowa State University.

Burt Abell, '92*d*, may now be addressed at 115 Madison Court, Toledo, O.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Lewis Reichle, '93, Ph.D. (Harvard) '02, of Saginaw, Mich., may now be addressed care of Ossawinamakee Hotel, Manistique, Mich.

Herbert S. Jennings, '93, was recently appointed Assistant Professor of Physiological Zoology at Johns Hopkins University, Baltimore, Md.

Dwight C. Morgan, '89-'91, has been appointed engineer for the Minnesota Railroad and Warehouse Commission to appraise the value of all railroads in the state of Minnesota.

Oscar F. Sessinghaus, '93*l*, has returned to the practice of the law, and has an office in the Missouri Trust Bldg., St. Louis, Mo.

Rev. Corydon Grover, '93*l*, S.T.B. (Boston Univ.) '98, is now pastor of the Methodist Episcopal church at Cleveland Heights, Ohio, and resides at 4280 Superior St.

Warren D. Stone, '93*l*, has just been elected prosecuting attorney of Macomb county, Mich. Address, Mt. Clemens, Mich.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Julius C. Feibel, '90-'93, who has been in the clothing business in Hillsboro, Ohio, has removed to Columbus, Ohio.

Warren H. Lewis, '94, holds the position of Associate Professor of Anatomy in Johns Hopkins University, Baltimore, Md.

Russell P. Reeder, '90-'91, Capt. Artillery Corps, U. S. A., is now stationed at Fort Worden, Port Townsend, Wash.

Harry B. Mulliken, '90-'92, Ph.B. (Columbia) '95, is one of the partners in the firm of Mulliken & Moeller, architects, 7 W. 38th St., New York City.

Katharine A. Crane, '94, is teaching in Columbia College of Expression. Her address is 700 Steinway Hall, Chicago, Ill.

Charles R. Atkinson, '90-'91, formerly superintendent of schools at Edgar, Neb., is now at Sheridan, Wyo.

Horace H. Loveland, *m*'90-'93, M.D. (Detroit) '94, recently of Syracuse, N. Y., is now located at 39 So. Main St., Newark, N. Y.

Walter A. Eckles, '94*l*, has removed from Conrad, Ia., to Nora Springs, Ia.

Homer F. Hussey, '94*d*, formerly of Richmond, Ind., has gone east and may now be addressed at 398 Clinton Ave., Newark, N. J.

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'95

'95. Mrs. Gertrude Sunderland Safford, 22 W. Warren Ave., Detroit, Secretary.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Jane E. Cooke, '90-'91, '93-'95, B.L.S. (Ilinois) '99, formerly engaged in library work at Monroe, Mich., may now be addressed at 218 Maryland Ave., N. E., Washington, D. C.

John G. Thompson, '91-'92, A.M. (Missouri) '93, formerly Professor of Mathematics in Cooper College, Sterling, Kans., is now pastor of the United Presbyterian church at Lincoln, Neb. Address, 516 N. 16th St.

Annie D. Dunster, '95, may be addressed at 1100 M. St., N. W., Washington, D. C.

Fredland H. Parsons, '91-'92, is now located at No. 3, "The Norwood." Toledo, Ohio, in the employ of Parke, Davis & Co., Detroit, Mich.

Ezra H. Mathewson, '95*m*, is located at 298 Elm St., Dallas, Tex.

John G. Anderson, '95*l*, may be addressed at Fremont, Mich.

Julius W. Gogarn, '95*l*, has changed his address in New York City to 40 W. 60th St.

Horace B. Hord, '95*l*, may be addressed at 38 Park Row, New York City.

'96

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Walter T. Pierce, A.M. '96, Ph.D. (Johns Hopkins) '06, formerly instructor in French and Spanish in Case School of Applied Science, Cleveland, Ohio, is now connected with Ohio State University, Columbus.

Edna D. Day, '96, M.S. '97, Ph.D. (Chicago) '06, is now Assistant Professor in charge of the Department of Home Economics in the University of Missouri at Columbia, Mo.

La Verne O. Smith, '92-'94, now Mrs. Carl G. Rubin, may be addressed at 908 Arizona St., El Paso, Tex.

Rev. Blanche Young, '92-'93, may now be addressed at Tecumseh, Mich.

James M. Raikes, '96*e*, is with the Variety Iron & Steel Works, Cleveland, Ohio.

Charles E. Hendrick, *e*'92-'93, formerly engaged in mining at Ishpeming, Mich., has removed to Buhl, Minn.

Herbert O. Hanford, *e*'92-'94, '96-'97, is employed as draftsman in the city engineer's office, Detroit, Mich.

Harry G. Hay, '96*l*, is located at Shoshone, Wyo.

Charles W. Johnson, '96*p*, B.S. (Phar.) '00, Ph.D. '03, now holds the chair of pharmacy and materia medica in the State University of Washington, and resides at 5031 N. E. 15th Ave., Seattle.

Idelle Kidder, *h*'92-'93, now Mrs. Frederick J. Walter, may be addressed at the Mudlavia Hotel, Kramer, Ind.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97l. William L. Hart, Alliance, Ohio, Directory Editor.

McDowell Graves, '93-'94, mining engineer, may be addressed care of American Club, Mexico City, D. F., Mexico.

Erastus D. Palmer, A.M. '97, is now located at St. Johns, Mich.

Sara L. Wheeler, '97, is preceptress of Bartlett Hall, Ripon College, Ripon, Wis. She is teaching college Greek besides Latin and English in the preparatory school.

George C. Pratt, '97*e*, is now superintendent of employees and also employment manager of Wm. Filenis Son's Co., one of the leading dry goods stores of Boston, Mass. Address, 453 Washington St.

John Meteer, *l*'93-'94, formerly of Ogden, Utah, is now in Goldfield, Nev. Address, P. O. Box 999.

Merton S. Rice, *l*'93-'94, is now pastor of the First Methodist Episcopal church, Duluth, Minn.

Simon S. McKenzie, *m*'93-'96, formerly of Hazlehurst, Pa., is now practicing at Bolivar, N. Y.

C. Clifford Stone, '97*d*, has changed his address from Munising, Mich., to Romeo, Mich.

Fred H. Hood, '97*d*, *e*'03-'04, may be addressed at 17 S. Main St., Adrian, Mich.

John Chalfant, *d*'93-'94, D.D.S. (San Francisco) '99, has established temporary headquarters at 763 Clayton St., San Francisco, Calif., since the earthquake and fire.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.
The first decennial reunion of the class of '98m. will be held on the Campus at Ann Arbor, Alumni Day, June, 1908.

Clinton H. Woodruff, '94-'96, is vice-president of the Florsheim Shoe Co., Salt Lake City, Utah, and may be addressed at 147 S. Main St.

Arlo R. Williams, '98, M.D. '01, may now be addressed at Jackson, Mich., instead of Brookfield, Mich., as formerly.

Ralph E. Waterman, '94-'95, may be addressed care of R. L. Colburn & Co., Goldfield, Nev.

Forrest S. Hayes, '94-'95, *l*'95-'96, '00-'01, formerly of Galva, Ill., may now be addressed at 129½ W. Commerce St., San Antonio, Tex.

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Estelle L. Jones, '98, is teaching in Robert A. Waller High School, Chicago, Ill., and lives at 1126 Wilson Ave.

Elbert C. Lane, '94-'95, B.S. and A.B. (Adrian), is pastor of the Methodist Protestant church at New Brighton, Pa.

Luther H. Van Zandt, '94-'95, may be addressed care of Van Zandt-Moore Iron Works, Fort Worth, Tex.

William J. Little, '98*m*, has moved his office in St. Paul to 705 Pittsburgh Bldg.

George H. Norris, '98*m*, is now located at Annandale, Minn.

Mary V. Dryden, *m*'94-'97, graduated from the Medical Department of Northwestern University in '98 and has for some time been connected with the Battle Creek Sanitarium, Battle Creek, Mich.

Henry B. Gammon, '95, '98*m*, formerly of Hastings, Mich., is now located at Springport, Mich.

Louis J. Fletcher, '98*l*, holds the position of general attorney for Hibbard, Spencer, Bartlett & Co., wholesale hardware dealers, 1 S. State St., Chicago, Ill. His residence address is 715 Farwell Ave., Rogers Park Sta.

Claude C. Goodes, '98*d*, has removed from Howell, Mich., to Marcellus, Mich.

Ernest B. Maynard, '98*h*, is now practicing at Salem, Mich.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Henry H. Lovell, '99, has for some time past held the position of state agent for the Casualty Company of America, and also the Title, Guaranty and Surety Company. He is now president of the Indiana State Association of Casualty and Surety Managers.

Olin M. Thrasher, '95-'96, '98-'99, is pastor of the Baptist church at Williamston, Mich.

Charles D. Cool, '99, A.M. (Harvard) '00, instructor in Romance languages in the University of Wisconsin, may be addressed at 2022 Jefferson St., Madison, Wis.

Cabot Lull, '99*m*, has changed his office address in Birmingham, Ala., to 421-2 First National Bank Bldg.

Anna M. Henry, *m*'95-'97, M.D. (Minnesota) '99, is now practicing medicine at Pattonsburg, Mo.

Harry E. Moore, *m*'95-'98, *p*'95-'96, is manager of the Lansing Wheelbarrow Co., Philadelphia, Pa. Address, 5038 Larchwood Ave.

Charles M. Luthy, *l*'95-'96, is now secretary of the Columbus Hardware Company, wholesale dealers in hardware, Columbus, Ohio.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Sylvia S. Videtto, '00, A.M. '03, is teaching in the high school at Gladwin, Mich.

George F. Axtell, '96-'97, *e*'97-'98, formerly of Sturgis, Mich., is now in the mechanical engineering department of the Michigan Central Railroad, Detroit, Mich. Address, 676 Morrell St.

Carrie Hemenger, '96-'98, may be addressed at Rockford, Ill.

Clarence B. Hurrey, '00, may be addressed care of Everybody's Magazine, 31 Union Sq., New York City.

Charles D. Hurrey, '00, for several years prominent in Y. M. C. A. work, is now international secretary of the Association. His office is No. 1013, Association Bldg., Chicago, Ill.

Howell L. Begle, '00, '05*m*, is studying in Berlin and Vienna for the winter.

Charles M. Waters, '00*e*, is now employed as party chief on the survey of the Illinois River. Address, care of Sanitary District of Chicago, Chillicothe, Ill.

Chester B. Loomis, '00*e*, may now be addressed at 532 Byrne Bldg., Los Angeles, Calif.

Ambrose E. Ranney, *e*'96-'97, is engaged in automobile manufacturing in New York City. Address, care Union League Club, 1 E. 39th St., New York City.

Dwight G. North, *e*'96-'97, may be addressed at 1120 Penobscot Bldg, Detroit, Mich.

George H. Heald, *m*'96-'97, M.D. (Cooper) '93, is practicing medicine at Takoma Park, D. C.

Carl H. Lund, '00*m*, has removed from Marietta, Ohio, to Douglas, Ariz.

William H. Kinnear, *l*'96-'97, has removed from Tupper Lake, N. Y., to 16 Court St., Brooklyn, N. Y.

Harry D. Levy, *l*'96-'98, LL.B. (Lake Forest) '99, is now at Muskogee, I. T.

Edward A Huene, '00*l*, formerly of Barberton, is now located at 2400 W. 22nd St., Los Angeles, Calif.

Leon L. Tyler, '00*l*, A.B. (Earlham) '06, acted as assistant in the English Department of Earlham College last year while working for his A.B. degree, and is now principal of Fairmount Academy, Fairmount, Ind.

Burnell Colson, '00*l*, may be addressed at 448-159 LaSalle St., Chicago, Ill.

William A. Pearson, '00*p*, removed to Marietta, Pa., last August to accept a position with Dr. H. M. Alexander & Company.

Frank L. French, '00*p*, may be addressed at Petoskey, Mich.

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'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

Herbert E. Crawford, '01, may be addressed at 309 H. W. Hellman Bldg., Los Angeles, Calif.

Scott A. Miller, '01, now resides at 4569 McMillan Ave., St. Louis, Mo.

Kristine Mann, A.M. '01, may be addressed at 251 W 100th St., New York City.

Marguerite Knowlton, '01, taught two years and a half in the State Normal School at Mankato, Minn., and is now teaching in Mrs. Starett's School for Girls in Chicago. Address, 4707 Vincennes Ave.

Mrs. Claude F. Morris, who will be remembered by her classmates as Alice C. Manwaring, '01, is now living at Malta, Mont.

Charles B. Davis, '01*e*, is now at Pratt City, Jefferson Co., Ala.

Charles C. Grieve, '01*m*, has recently returned from a three years' cruise in the Orient in the employ of the U. S. Navy, and is now physician at the Naval Recruiting Station, Omaha, Neb.

Marshall B. McCausland, '01*m*, is now located at Imlay City, Mich.

David P. Strickler, '01*l*, has just removed from Quincy, Ill., to Colorado Springs, Colo., to become attorney for the Winfield I. Stratton estate, Colorado Springs & Interurban Ry. Co., Stratton Cripple Creek Mining & Development Co., and the International Realty Co. He may be addressed at 117 E. Pike's Peak Ave.

W. Glenn Cowell, '01*l*, is prosecutinig attorney for Branch county, and has his office at Coldwater, Mich.

William T. Rowley, '01*h*, formerly of Corvallis, Ore., has now located at Rupert, Idaho.

Frank L. Stegeman, '01*d*, is practicing at Hopkins, Mich.

Jay A. Heidbrink, '01*d*, has removed from Union Grove, Wis., and established practice at 612 Pillsbury Bldg., Minneapolis, Minn.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.
The literary and engineering classes of 1902 will hold a reunion on the campus on Alumni Day of Commencement week, June, 1907.

Nora F. Dake, '02, is principal of the high school at Milford, Mich.

Ralph H. Elsworth, '02, A.M. '04, removed from Shelby, Mich., to Traverse City, Mich., last summer to take up work on the Traverse City *Eagle*.

Raymond Pearl, Ph.D. '02, has a position in the Zoological Laboratory, University of Pennsylvania, Philadelphia, Pa.

Grace F. Morehouse, '02, may now be addressed at Big Rapids, Mich.

William D. Whitten, '97-'98, '02*m*, is located at Baltic, Houghton Co., Mich.

Frank R. Spencer, '02*m*, '04, has located in the Physicians' Blk., Boulder, Colo.

George W. Lawton, '02*m*, may be addressed at Kalamazoo, Mich., Box 582.

Charles L. Patton, '02*m*, is practicing in Springfield, Ill., and has an office in the Illinois National Bank Bldg.

Camilla T. Ryan, '02*l*, may be addressed at 2228 Maplewood Ave, Toledo, Ohio.

Donald B. McAlpine, '02*l*, opened a law office at Grand Marais, Minn., on the first day of January, 1904. In December of the same year he married Miss Elizabeth Dolan, of Duluth. He has just been re-elected county attorney.

Frederick W. De Foe, '02*l*, formerly of West Bay City, has opened an office in the Crapo Blk., Bay City, Mich.

Frank H. Wilkinson, '02*d*, may now be addressed at Charlevoix, Mich., instead of Atwood, Mich., as formerly.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.
'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.
'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.
'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.
The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Grace A. Snitseler, '03, (Mrs. Frank Irving Harding), has changed her address from 2 The Oxford, 41 Streator Ave., to 10206 Wilbur Ave., Cleveland, Ohio.

Anna E. Marshall, '03, who is teaching history and algebra in the high school at Marshall, Mich., writes that Helen Lee, '03, is in California, May Loose, '03, in Pittsburg, Pa., Katherine Tower (Mrs. Harry O. Barnes) '03, in Lansing, Mich., and that Eleanor Towar, '03, who went to Alaska from Portland, Ore., last summer, has just gone to Italy to spend the winter.

Anna E. Drummond, '03, who was last year in Urbana, Ill., as assistant to the Illinois state inspector of high schools, is now teaching English in Lewis Institute, Chicago, Ill. Address, 719 W. Monroe St. She reports that Charlotte Bissell, '03, is teaching French in the Toledo High School; address, 1861 Summit St., Toledo.

Caroline E. Foulke, '03, who is teaching Latin in the high school at Springfield, Ill., has changed her address from 204 W. Jackson St. to 527 S. Spring St.

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Georgia Manning, '03, (Mrs. Norman P. Beebe), reports the birth of a little daughter, June 8, 1906, at 1105 Oak St., Niles, Mich.

Charles W. Howard, '03*e*, may be addressed at 9 Mawhinney St., Pittsburg, Pa.

Melvin D. Roberts, '03*m*, is in general practice at Hancock, Mich. Address, 205 Quincy St.

Ambrose A. Featherstone, Jr., '03*l*, has returned from New York City to Asheville, N. C., and may be addressed at 245 Pearson Drive.

Thomas J. Royal, '03*l*, is now located at Cordele, Ga.

Charles A. Haggart, '03*l*, is engaged in law and banking business at Fairfax, Okla.

Herman J. Guckenberger, '03*l*, holds a position in the Atlas National Bank, Cincinnati, Ohio, but is also continuing the practice of law.

Peter C. Krupp, '03*d*, of Houston, Tex., has changed his business address to 504-5 First National Bank Bldg.

Halsey C. Sayres, '03*d*, formerly of Adrian, Mich., is now practicing at Blissfield, Mich.

Harold B. Lehner, '03*d*, formerly at Kalkaska, Mich., may now be addressed at East Jordan, Mich.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.

Thomas B. Roberts, '04, is with J. J. Badenoch Co., Chicago, Ill., and resides at 7151 Normal Ave., Chicago.

Adeline Sherwood, '04, may be addressed at 153 Franklin St., New Haven, Conn.

Orie E. Wasson, '04, is with the Iola Portland Cement Co., Iola, Kans.

Charles A. Helsell, '04, is practicing law in partnership with D. W. Buckner, at Enid, Okla.

Flora A. Hodge, '04, is teaching Latin in the high school at Olean, N. Y.

John E. Watkins, '04, is now with the treasury department of the Porto Rican government. Address, Box 1085, San Juan, Porto Rico.

Emily P. Wolcott, '04, may be addressed at 742 Bryson St., Youngstown, Ohio.

Ethel J. Rice, '04, holds the position of critic teacher in the Normal Training School, Ypsilanti, Mich. Address, 114 Normal St.

Elizabeth L. Thompson, '04, may be addressed at Bad Axe, Mich.

Robert R. Thompson, '04*e*, sends in his address from 1004 Majestic Bldg., Detroit, Mich.

George A. Cunningham, '04*e*, may be addressed at Indiana, Pa.

William B. Skelton, '04*m*, may be addressed at 1024 Water St., Meadville, Pa.

Elias W. Reed, '04*m*, has removed from St. Clere, Kans., to Holton, Kans.

Roy W. Quick, '04*m*, has recently located at Meadows, Idaho.

Mary L. Rosenstiel, '04*m*, is practicing at 204 Stephenson St., Freeport, Ill.

Louis E. Rauch, '04*l*, and Frank S. Senn, '04*l*, are practicing in partnership at 620-22 Chamber of Commerce, Portland, Ore.

Michael J. Hobin, '04*l*, may be addressed care of Michigan United Railway Company, Lansing, Mich.

Hiram B. Redford, '04*l*, is now at Pocatello, Idaho.

Guy P. Nevitt, '04*l*, is located at Cripple Creek, Colo. Address, Box 714.

James H. DeVine, '04*l*, has bought out his partner, J. C. Davis, and is now practicing alone at 425-6 Eccles Bldg., Ogden, Utah.

Clay Tallman, '04*l*, is located at Rhyolite, in the Bullfrog mining district, Nevada.

'05

'05. G. William Barnum, '05, 107 Humboldt Boulevard, Chicago, Secretary.
'05e. Ralph R. Tinkham, 579 Cass Ave., Detroit, Mich., Secretary.
'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.

Ira W. Jayne, '05, is superintendent of the schools of Burt township, and lives at Grand Marais, Mich.

Clara H. Kramer, '05, of Cheboygan, Mich., is now in Los Angeles, Calif., and may be addressed at 2264 W. 31st St.

H. Clyde Krenerick, '05, has changed his address from Berwyn, Ill, to 1073 12th St., Milwaukee, Wis.

M. Maude Manley, '05, may now be addressed at Downer's Grove, Ill.

T. Edward Johnson, '01-'02, has changed his address from Montrose, Mich., to Dryden, Mich.

James M. Robb, A.M. '05, and wife, Mrs. Jessie English Robb, A.M. '04, may be addressed at 2108 Wetmore Ave., Everett, Wash.

Frances E. Nichols, A.M. '05, is teaching in the Normal School of New Mexico, Silver City, N. Mex.

William R. Goodrich, '05, A.M. '06, is this year principal of the high school at Munising, Mich.

Charlotte M. Davenport, '05, is assistant principal and teacher of English in the high school at Albion, Wash.

Elnora B. Miller, '05, is assistant in English at the State Normal School at Bellingham, Wash.

Edward F. Perkins, '05*e*, has changed his address to 41 Prince St., Rochester, N. Y.

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Joel M. Barnes, '05*e*, is with Miller and Franklin, of Boston, Mass., engaged in reduction engineering. His address is 319 Washington Ave.

Cass T. Lockwood, '05*l*, sends in his address from Blackwell, Okla.

Earle L. Peters, '05*l*, is conducting the practice of law at 306 Gardner Bldg., Toledo, Ohio.

James E. Burkey, '05*l*, is a member of the law firm Berkey, O'Brien & Burkey, 316-319 Berlin Bldg., Tacoma, Wash.

'06

'06e. Edward J. Creighton, Canadian Bridge Co., Walkerville, Ontario, Secretary.

Louis D. Stickney, '06, is now assistant trust officer of the Ohio Savings Bank and Trust Company, Toledo, Ohio. He may be addressed at 105 E. Woodruff St.

May C. Hudson, '06, of Augusta, Mich., is teaching at Battle Creek, Mich., and rooms at 616 W. Main St.

Morley E. Osborne, '95-'98, '06, is superintendent of the Central Michigan Business College, Lansing, Mich.

William A. Morse, '93-'95, '06, may be addressed at 376 Vinewood Ave., Detroit, Mich. He is now prinicipal of Western High School.

Clark B. Montgomery, '06, has opened an office for the practice of law in Suite 7, Mail Bldg., Galesburg, Ill.

George L. Harman, '06*e*, is with the Root & Vandervoort Engineering Co., Moline, Ill., and may be addressed at 612 23rd St.

Montgomery G. Rice, '06*l*, has been admitted to the Illinois bar and has opened an office in the Y. M. C. A. Bldg., Peoria, Ill.

Walter H. Russell,. '06*l*, is beginning practice in Detroit, Mich. Address, 925 Hammond Bldg.

George E. Haskins, '06*l*, writes that he is doing well conducting a wholesale hay, grain, flour and feed business in Bellingham, Wash. The firm name is Haskins & Pless.

Clark E. Higbee, '06*l*, has begun practice in the Houseman Bldg., Grand Rapids, Mich.

Arthur D. Quaintance, '06*l*, has opened an office in the Ernest and Cranmer Bldg., Denver, Colo.

Joseph H. Cruthis, '06*l*, is practicing law at Talihina, I. T., under the firm name of Bailey & Cruthis.

David A. Warner, '06*l*, is with the law firm of Kingsley & Wicks, 212 Houseman Bldg., Grand Rapids, Mich.

Frank J. Sheehan, '06*l*, writes that he is with two Michigan men and getting along finely with the law business at Conneaut, Ohio, Box 476.

Elmer J. Alway, '06*l*, of Manistee, Mich., has just been elected prosecuting attorney of Manistee county by a magnificent majority.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1896. Helen Louise Douglas, '96, to George Willis Creelman, at Ann Arbor, Mich., Dec. 27, 1906. Address, Pottstown, Pa.

1897. Sabin Gibbs Hooper, '93-'94, to Laura Kinne Seeley, '02, at Caro, Mich., Aug. 1, 1906. Address, Caro, Mich.

1898. Mabine Idell Manwarren, '94-'95, to Eugene Gerard Kennedy, at Ann Arbor, Mich., July 7, 1904. Address, Dayton, Ohio.

1899. Greta Belle Young, '99, to Francis Smedley Law, at Nashville, Mich., Feb. 23, 1905. Address, Corpus Christi, Texas.

1900. Mabel Stanley Leonard, '96-'98, to Robert Lee Schorr, M.D. (Det. Coll. of Med.) '93, at Detroit, Mich., Aug. 23, 1905. Address, 771 Mt. Elliot, Ave., Detroit, Mich.

1900. Eva Lulu Niles, to Harry Elmer Reed, at Ann Arbor, Mich., Jan. 1, 1907. Address, 232 Jefferson St., Bay City, Mich.

1901. Andrew Horace McDougall, '01*e*, to Bess Minerva Yont, at South Bend, Ind., Nov. 29, 1905. Address, 15328 Loomis Ave., Harvey, Ill.

1902. Frederick Barnard Bassmann, '02*l*, to Florence Emma Enneking, at Newport, Ky., June 20, 1906. Address, Newport, Ky.

1902. Laura Kinne Seeley, '02, to Sabin Gibbs Hooper, '93-'94, at Caro, Mich., Aug. 1, 1906. Address Caro, Mich.

1903. Mason Benedict Lawton, '03*l*, to Lillian May Ulrich, at South Beth-

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lehem, Pa., Dec. 6, 1906. Address, 20 Sproat St., Detroit, Mich.

1903. Harry Frederick Mercer, '03*l*, to Estelle Mabel Brown, at Pittsburg, Pa., Oct. 24, 1906. Address, 5540 Beverly Place, E. E., Pittsburg.

1904. Mary Geraldine Anderson, '00-'01, to Lieutenant Edwin Hayden DeLany, U. S. N. (Annapolis), at Chattanooga, Tenn., Oct. 10, 1906. Address, Sag Harbor, N. Y.

1904. George W. Gregory, '04*l*, to Katherine Baert, at Zeeland, Mich., Dec. 20, 1906. Address, Seattle, Wash.

1904. Madge Genevieve Sibley, '04, to Raymond Hoobler, at Detroit, Mich., Oct. 15, 1906. Address, 120 E. 34th St., New York, N. Y.

1905. Bertha Anne Davis, '05*h*, to John Walter Orr, '06*h*, at Flint, Mich., Nov. 27, 1906. Address, Flint, Mich.

1906. Alfred Holmes Beach, '06*l*, to Cora May Brown, at Lakin, Kans., Dec. 6, 1906. Address, Lakin, Kans.

1906. John Dahlem, '06*l*, to Mary Emma Davis, '04-'05, at Jackson, Mich., Oct., 1906. Address, 425 Blackstone St., Jackson, Mich.

1906. Alonzo Bee Imus, '06, to Louisa Alcott Andrews, at Paw Paw, Mich., Aug. 8, 1906. Address, 108 E. Crawford St., Elkhart, Ind.

1906. John Walter Orr, '06*h*, to Bertha Anne Davis, '05*h*, at Flint, Mich., Nov. 27, 1906. Address, Flint, Mich.

1907. Enos Taft Lovell, '03-'05, to Bertha May Edmundson, at Crowley, La., Dec. 19, 1906. Address, Crowley, La.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department.

1849. James Spencer Cannon Beekman, A.B., A.M. '61, d. at Millington, Ill., Oct. 26, 1906, aged 81. Buried at Romeo, Mich.

1859. Leonard Proudfit, B.S., d. at Clarinda, Iowa, Nov. 18, 1906, aged 73.

1863. Arthur Brown, A.M., LL.B. '64, A.B. (Antioch) '62, d. at Washington, D. C., Dec 13, 1906, aged 63. Buried at Salt Lake City, Utah.

1872. William James Herdman, Ph.B., M.D. '75, LL.D. (Nashville) '97, d. at Baltimore, Md., Dec. 14, 1906, aged 58. Buried at Forest Hill, Ann Arbor.

1874. Frederick Augustus Cady, A.B., A.M. '77, *m*'75-'76, M.D. (Mich. Coll. of Med.) '96, d. at Waynesboro, Ga., Dec. 26, 1906, aged 57. Buried at Flint, Mich.

1876. Albert Jacob Volland, A.B., d. at Grand Rapids, Mich., Dec. 29, 1906, aged 52. Buried at Forest Hill, Ann Arbor.

1881. Frank Chittenden Mandell, A.B., d. at Hailey, Idaho, Dec. 14, 1906, aged 47.

1893. Marietta Parker, Ph.B. (Mrs. Thomas E. Parker), d. at Pittsboro, Ind., Oct. 27, 1906, aged 49.

Medical Department.

1866. Melancton Hogeboome Fisk, d. at Wauwatosa, Wis., Dec. 2, 1906, aged 63.

1879. Benjamin Logan Euans, B.S. (Notre Dame) '76, M.S. (*ibid.*) '78, d. at Goldfield, Nev., Dec. 6, 1906, aged 52.

1880. Ebenezer Olmstead Bennett, d. in Detroit, Mich., Jan. 1, 1907, aged 68.

1881. DeWitt Clinton Howell, d. at Detroit, Mich., Nov. 15, 1906, aged 51.

1886. Edmund Conley, d. at Columbiaville, Mich., Oct. 24, 1906, aged 47. Buried at Lapeer, Mich.

1903. John Charles Bradfield, *a*'95-'96, d. at San Francisco, Calif., Dec. 11, 1906, aged 28. Buried at Grand Rapids, Mich.

Law Department.

1865. Cassius Eugene Stubbs, d. at Colorado Springs, Colo., April 9, 1906, aged 62.

1872. Amos Denison, d. at Cleveland, O., Nov. 18, 1906, aged 56.

1877. Silas Horatio Callender, d. at Harvard, Ill., June 1, 1902, aged 49.

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1881. Charles Sumner Smith, d. at Deland, Fla., Dec. 22, 1906, aged 48. Buried at Saginaw, Mich.
1885. Lewis Cass Hunt, d. at Dexter, N. Mex., Nov. 20, 1906, aged 43.
1887. Lyman Beecher Sullivan, d. at Peru, Ind., Sept. 22, 1906, aged 43.

Dental College.

1880. Uriah Dildine Billmeyer, d. at Asheville, N. C., Nov. 24, 1906, aged 52. Buried at Chattanooga, Tenn.

NON-GRADUATES

Ida Belle Allen, *a*'01-'02, (Mrs. James B. Pollock), d. at Ann Arbor, Oct. 24, 1906, aged 34.
Thomas Armstrong, *m*'66-'67, d. at Bedford, Pa., April 30, 1902, aged 55.
Gustavus Adolphus Arnold, *l*'68-'70, d. at Lincoln, Del., Aug. 14, 1906, aged 58.
Jacob Champion Camburn, *a*'78-'79, A.B. (Albion) '78, d. in Chicago, Ill., Sept. 13, 1906, aged 47.
Lucian Charles Cowles, *a*'67-'68, M.D. (N. W. Univ.) '74, d. at Alden, Minn., Dec. 30, 1902, aged 53. Buried at La Crosse, Wis.
Rollin Charles Dart, *a*'54-'55, d. at Mason, Mich., Dec. 25, 1906, aged 75. Buried at Lansing, Mich.
Walter Elliott Ferguson, *a*'96-'97, *l*'97-'00, d. at Detroit, Mich., Dec. 6, 1906, aged 29.
Sherman Louis Napoleon Foote, *m*'55-'56, M.D. (N. Y.) '57, d. at Argentine, Kans., Aug. 21, 1902.
Hyatt Allen Frost, *m*'60-'61, M.D. (Univ. of Ill.) '63, d. at Wausau, Wis., Oct. 26, 1906, aged 78.
Charles Osborn Gause, *m*'51-'52, d. at New Sharon, Iowa, Sept. 8, 1906, aged 75.
Frank Asbury Guthrie, *l*'64-'65, d. at Point Pleasant, W. Va., Aug. 16, 1904, aged 64.
James Little Johnston, *m*'61-'62, d. at Chester, Mich., Sept. 14, 1906, aged 70.
Annie Knisely, *a*'94-'96, d. at Benton Harbor, Mich., July 14, 1902, aged 30.
James Henry McDonald, *m*'52-'53, d. at Seneca Falls, N. Y., Jan. 5, 1903, aged 75.
Morris Galusha McLean, *m*'70-'71, M.D. (Rush) '73, d. at Port Tampa City, Fla., July 17, 1900, aged 50. Buried at Tampa, Fla.
Joseph D. Nash, *m*'63-'64, M.D. (Jefferson) '65, d. in Philadelphia, Pa., Dec. 9, 1906, aged 70.
Gilbert Charles Perrine, *l*'68-'69, d. at Toledo, Ohio, Dec. 11, 1876, aged 27. He served in the 7th Mich. Cav. in the Civil War.
Alfred David Plant, *p*'70-'71, d. at Syracuse, N. Y., Aug. 29, 1905, aged 54.
Thomas Warner, *l*'70-'71, d. at Ramsey, Ill., Sept., 1906, aged 57.

OBITUARIES

MELANCTON HOGEBOOM FISK

Melancton Hogeboom Fisk was born at DePere, Wis., May 28, 1843. His parents were natives of New Hampshire and emigrated to what is now Wisconsin in 1835. After completing his early education in the Green Bay schools and in Hopkins University at Hadley, Mass., he entered Lawrence University at Appleton, Wis. Upon the breaking out of the Civil War he enlisted in one of the Wisconsin regiments. He was wounded in battle, although not seriously, and was obliged to receive his honorable discharge. Upon returning home he entered the Medical Department of the University, from which he was graduated in 1866. He returned to DePere where he entered into the practice of his profession. In 1883 he was elected the first mayor of DePere. In 1886 he removed to Wauwatosa, Wis., where he became a member of the medical staff of the Milwaukee County Hospital and also of the staff of the Chronic and Acute Insane Asylum. He was married Oct. 19, 1868, to Mary Joy Lawton, of DePere. Two children were born of this union. He was a well-known Mason. Dr. Fisk died Sunday, Dec. 2, after having suffered for some months with cancer of the throat. The wife and one son, Raymond Fisk, survive him.

CHARLES SUMNER SMITH

Charles Sumner Smith was born June 5, 1858, at Saginaw, Mich. After graduating from the Arthur Hill High School at Saginaw, he taught for two years, and then entered the Law Department of the University, from which he was graduated in 1881. Upon his return to Saginaw he was admitted to the bar and entered upon the practice of law. Two years later he removed to Devil's Lake, N. Dak., where he practiced for five years, but in 1888 he returned to Saginaw. In the early nineties he was elected city attorney. Shortly after

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retiring from this office he became partner in the firm of Humphrey, Grant & Smith, which has been known as one of the strongest firms in Saginaw. He died Dec. 22, 1906, at DeLand, Fla., after a long illness. The primary cause of his death was asthma, which affected his heart. He is survived by four brothers and one sister.

ALBERT JACOB VOLLAND

Albert Jacob Volland was born at Ann Arbor fifty-two years ago. He studied in the public schools and was later graduated from the University with the class of 1876. The next five years were spent as a teacher in the State Normal School at Plattsville, Wis., followed by two years' teaching in the Ypsilanti High School. From Ypsilanti he went to Grand Rapids, where he taught for the four years, 1885 to 1889. In 1889 he went to Racine, Wis., as principal of the high school of that city, which position he held until he became principal of the high school in Grand Rapids in 1896. Mr. Volland died suddenly Saturday night, Dec. 29, at his home in Grand Rapids, of heart failure induced by a severe attack of pneumonia. His death followed the death of his father, also from pneumonia, by less than two weeks, and the two were buried at the same time in Forest Hill, Ann Arbor. He is survived by a widow and three children, Lelia, (A.B. 1906), Ethel, and Doris. The father was one of Ann Arbor's oldest settlers.

BOOK REVIEWS

The Alumnus reviews recently published works by alumni, former students, or members of the Faculty, and works directly relating to the University. Copies of such books, sent for review, are placed in the Alumni Library in the Alumni Room.

LITERATURE AND LIFE IN SCHOOL

The theme of this admirable little book is well suggested in the sentences with which it closes. ".....we shall not make of literature a polite accomplishment. We shall see in it a catholic expression of the life of man. We shall use it, from the primary school up, as an interpreter of life, as a sustainer of the spirit, as a begetter of the larger life in the mind and soul." This is the keynote of the book. It deals particularly with the place and function of literature in the elementary school, a field in which its status has thus far been somewhat adventitious. Under the topic, The True Function of Literature, the author shows that education in general should aim to bring the child into living contact with all phases of human life and struggle, that in his earliest impulses and interests he seems to be reaching out for this very richness of life with which he is surrounded. At every age these vague impulses can be helped to expression and be given content by wisely selected literature. These general educational presuppositions furnish the background of motive both for placing literature in the elementary school and for the treatment of each piece of literature by the teacher.

The book is by no means a mere handbook for guiding the teacher in assignments and recitations. It seeks rather to discuss in an appreciative way the different periods of school life, showing how the increasingly complex phases of childhood and youth can find true expression and interpretation in various types of literature. Since "the knowledge of life already possessed by children of six or seven is of a varied sort," the author believes that quite a variety of works are available for even the first school years. Beginning with well-known fairy tales the child may afterward have classic, Germanic, and Indian myths and legends. Then follow such books as Robinson Crusoe, The Jungle Book, and The Merry Adventures of Robin Hood. Poetry also comes in for its share of attention, beginning with 'Mother Goose' and 'A Child's Garden of Verses.' It is impossible to attempt an adequate account of the wealth of suggestion as to appropriate material for study and reading contained in these chapters. And the suggestions are the more helpful because, in each case, the author points out the value of the material from the point of view of the child's growth into the larger life. As he says, 'It is always life we are seeking to nourish, and it always remains true that life is nourished, even as it is begotten, by life alone.'

In a chapter devoted to Method, the author gives a very helpful discussion of ways and means of making literature a vital and illuminating subject in the elementary school.

The book closes with a very trenchant criticism upon the current college entrance requirements in literature, the author showthat they can scarcely be said to have been chosen with a view of increasing the pupil's love of literature, or with any direct intention of enriching and interpreting his life,

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or of leading him to a better understanding of the ethical and social questions of which he inevitably thinks, more or less at this time, but rather are these requirements determined with reference to preparing the student for the relatively abstract and scholastic courses in Literature which he may take if he ever goes to college. These words are worthy of the thought of every one who is interested (and who is not?) in secondary education: "The high school should recognize that its primary purpose is to contribute the very best it can contribute through its course and its instruction to making boys and girls into men and women of generous, intelligent minds and hearts, and capable hands. If this also fits them to take up the work of college, it is well. If not, surely the pertinent question is whether colleges themselves are on the right track. At present, it seems possible that they are setting an undue value, in some departments, on certain types of knowledge. They seem almost to forget that their function, too, is the making of men and women."

The appendix contains an extended and certainly useful list of classified books and shorter stories and poems adapted, in the opinion of the author, to different grades of school work.

IRVING KING,

Literature and Life in School. J. Rose Colby. Boston and New York. Houghton, Mifflin and Company, 1906. Pp. vi+229.

THE SECRETARY'S REPORT

To the Board of Directors of the Alumni Association of the University of Michigan, I beg to submit the following report, from June 16, 1906, to Jan. 8, 1907. The Association has also two notes of $500 outstanding. One note of the same amount has been taken up this past summer.

Receipts.

Annual memberships	$ 1,783	20
Endowm't memberships (usable)	324	20
Endowment memberships (permanent fund)	992	00
Advertising in ALUMNUS		
Cash	997	58
Trade	368	07
Sale of ALUMNUS	3	36
News-Letter subscription	1	25
Interest on bonds	650	00
University of Michigan		
Advertising in ALUMNUS	300	00
Catalogue revision	375	00
News-Letter editing	250	00
News-Letter publishing	250	00
General printing account (sale of songs)	2	25
Catalogue revision	1	00
Rebate Michigan Passenger Association	6	00
J. H. McCormick, on account	5	00
Subscription account	2	90
Express on cut returned		16
Total	$ 6,311	97
Cash and bonds on hand June 16, 1906	16,410	96
	$22,722	93

Expenditures.

ALUMNUS printing	$ 2,220	72
ALUMNUS editing and help	700	00
ALUMNUS Business Manager	527	35
ALUMNUS (second-class postage)	146	66
Advertising	111	82
Bills payable	500	00
Catalogue revision	103	35
Commencement expense	23	70
Engraving	40	18
Fixtures	45	58
Incidentals	52	34
Interest	48	75
News-Letter editing	100	00
News-Letter printing	266	53
Office help	222	60
General printing and stationery	5	55
General postage	115	55
Reading room expense	48	55
Subscription account	37	40
Traveling expense	121	42
Total	$ 5,438	05
Endowment fund, cash	2,273	72
Endowment fund, bonds	15,000	00
Cash on hand	11	16
	$22,722	93

Respectfully submitted,

WILFRED B. SHAW,
General Secretary.

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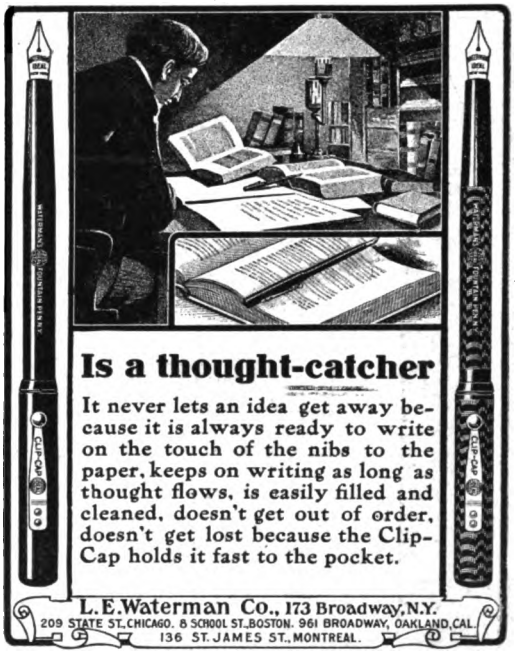

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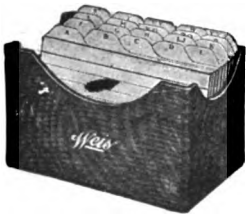

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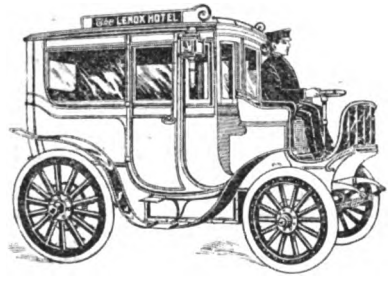

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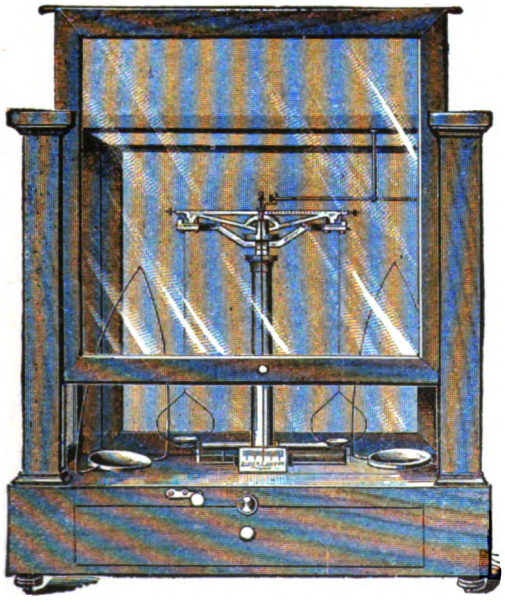

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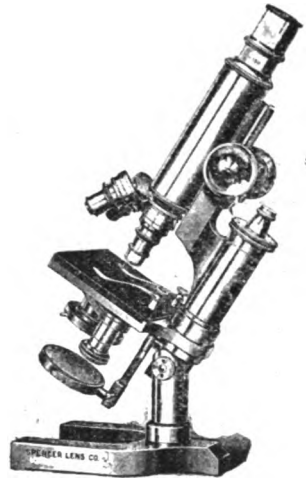

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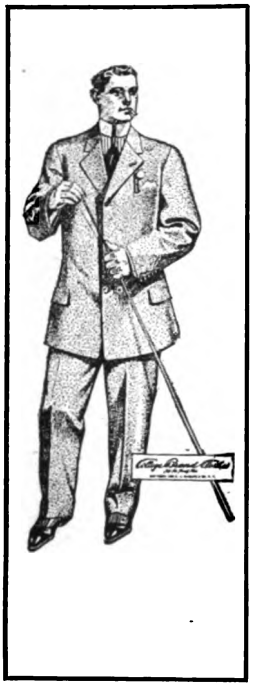

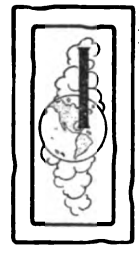

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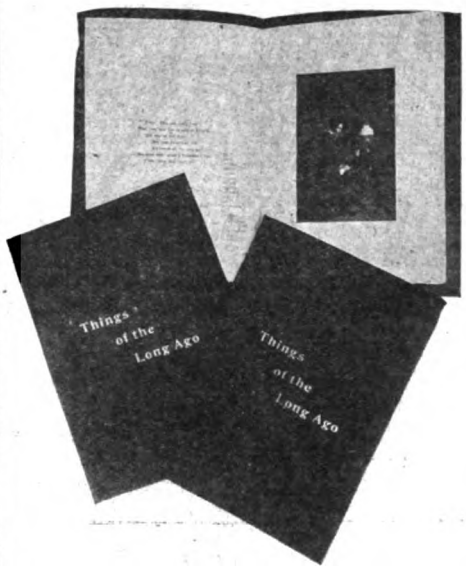

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TAKEN IN BARBOUR GYMNASIUM JUST BEFORE THE DEDICATION OF THE PALMER WARD

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THE MICHIGAN ALUMNUS

VOL. XIII FEBRUARY, 1907 No. 121

EVENT AND COMMENT

MICHIGAN AND THE CONFERENCE

To the average onlooker, whatever his point of view, things athletic at Michigan are in a sad state. Where will it all end? Is Michigan to withdraw from the Conference? These are questions on every one's lips, and no one dares hazard a definite answer. Meanwhile the discussion is accomplishing one thing—the longer we talk the more liable we are to see the essentials of what at its best, is a very difficult situation. THE ALUMNUS takes up the discussion with some hesitation. Not that there is nothing to say,—on the contrary, there seems to be something new every day to elicit comment, and when this number reaches its readers new events are quite likely to have put another face on old matters. Under these circumstances anything but the broadest suggestion of future policy would be mal apropos. ¶ Enough has happened in the past thirty days to furnish some facts for serious consideration. The revolutionary rulings of last year's Conference and the rules committee left the athletic world in a chaotic state. No one knew just how the new regulations would work out. This was especially true in the West where, in addition to the changes imposed in the rules of the game itself, even more radical changes were made in the conditions under which football was to be played; such as those preventing freshmen from playing in intercollegiate games, the abolition of the training table, as well as preliminary practice before the opening of the college term proper. This has all become an old story. The football season last fall showed the strength and weakness of the game under the new conditions, and corresponding changes have been undertaken by the rules committee as outlined on another page. A number of modifications have also been advocated in the more stringent of the Conference regulations, in which the Western colleges were naturally more vitally interested. Many of the more conservative ones came to feel during the course of the season that the Conference reforms had gone too far and the more radical enthusiasts at Ann Arbor had even begun, *sub rosa,* to talk of withdrawing from the Conference; since some of the regulations imposed bore, it was felt, with especial weight upon Michigan with no corresponding advantage. ¶ The first Conference held at Chicago as usual, immediately after the season, was not productive of great results, as there had been no opportunity for study of the season's work. The second meeting of the representatives of the nine Western colleges was held during the Holiday period with Judge V. H. Lane as Michigan's representative. The Michigan Board of Control had come to the conclusion that the action of the previous conference needed revision in some particulars, so Michigan advocated among other

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things: (1) The rescinding of the retro-active clause, which had made the rules passed a year ago applicable to athletes then in college as well as those to come. It was felt that this clause worked considerable material injustice. (2) The substitution of a schedule of seven games with other colleges during the football season, instead of a five game schedule. (3) The establishing of a uniform date for the opening of practice. Of these recommendations only one was adopted. The Conference made Sept. 20 the universal day for the opening of practice. ¶ The representatives of Chicago, Wisconsin, Minnesota and Michigan also met and discussed at the same time a tentative schedule of games for the coming four years. But this "big four" proposal, as it was called, was not made public until some time later. It had been the intention of the representatives of the universities concerned not to publish the schedule until it had been ratified by the Senate of each institution. As a matter of fact it was made public through a mistake after it had been ratified by all except Michigan. This agreement will be valid however, only in case Michigan remains in the Conference and ratifies it. This she has refused to do so far, owing to the extremely hard schedule it would necessitate. The question, however, has furnished another angle from which to view the entire situation, although it did not suffice to turn aside the energy of the radicals from withdrawal.

AGITATION FOR WITHDRAWAL

Michigan was especially disappointed in the negative result of the Conference inasmuch as she had been especially prominent among the Conference colleges in advocating the abolition of the retroactive feature of the three-year rule. As soon as the news became known in Ann Arbor, an active campaign for withdrawal from the Conference, was undertaken by many prominent students and alumni. It was felt that a great injustice was being done to Michigan, since this measure had been defeated by but one vote and among the opposing colleges was Northwestern, a college which has practically abandoned the game of football and athletics in general. The students protested against what they felt was an unfair domination by smaller colleges, of matters of general policy. ¶ The matter was taken up at length in the *Daily*, as soon as the result was known and a recommendation was submitted as well to the University Senate by the Student Council. The students were encouraged by many alumni, who took an active part on both sides of the discussion. Many letters were sent, which it was discovered later were "inspired" by a student committee, to the Regents and to various student organizations that undoubtedly had some effect. The Regents were enlisted on the side of popular student opinion and even recommended informally the policy of withdrawal to the Board of Control. The latter body, however, which met a week later, declined to take responsibility in the matter and referred the question to the Senate of the University, the body which had constituted the Board of Control. At this time of writing no further definite action has been taken at the University. There are many who feel, however, that the action of the students in involving the Regents is to say the least unfortunate, and more than likely to be prejudicial to their own cause, if it forces the question to a definite issue between the Regents and the University Senate. The smaller question will be almost certain to be lost in the larger one as to which body shall have the final word in questions of athletic policy.

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THE TWO SIDES OF THE QUESTION

Meanwhile the merry discussion has gone on almost without limit, not alone in Ann Arbor, but in the Detroit and Chicago papers. Most of these have recognized fairly the delicacy of Michigan's position and the justice in the students' side of the case. They have all expressed regret, however, that the extreme measure of withdrawal should be thought of and consider that such action would be a mistake. ¶ The party that favors immediate withdrawal from the Conference, believes that Michigan will have but little difficulty in making up a schedule. Its adherents feel sure that we could find a game with at least one Eastern college every year, as well as keep in athletic relations with various Western colleges; even with those who have remained within the Conference. They looked upon the proposed "big four" agreement with more or less suspicion, as an attempt to turn aside popular opinion from the real question at issue. While it would give back to us our Chicago game immediately as well as later games with Wisconsin and Minnesota, they felt that it would not result in a remedy for the chief grievance, the barring of some of the most prominent athletes in college including the captains of the football and track teams and it would not remedy the so-called domination of the smaller colleges. ¶ Those who oppose withdrawal, including many Faculty members as well as alumni and students, do so on the grounds that we are sacrificing future gains for an immediate advantage. They are convinced that the idea of continued definite relations with prominent Eastern colleges of the same sort that we have had with Western institutions is more or less of a delusion, and that our withdrawal from direct relations with the leading middle West colleges would result in a boycott on the part of all leading Western institutions. They would, they feel, hardly be willing to play with us when governed by a different set of eligibility rules. In fact hints of the possibility of such a course of action in case of Michigan's withdrawal have already come from Chicago. This would be disastrous in the extreme as well as a blow to Michigan's pride. Having no organic connection with the East, we should be neither fish, flesh nor fowl.

OUTSIDE OPINION

In an editorial published Sunday, February 3, entitled "Michigan's Puzzling Attitude," the Chicago *Tribune* seems to voice the outside estimate of Michigan's position. It finds Michigan's attitude toward the "big four" alliance difficult to understand, and believes that it would be "difficult for that element in the Michigan student body which is advocating cutting all ties in the West to explain this attitude." Further on this writer says: ¶ "Withdrawal from the Western Conference would mean isolation as well as independence. It is true Michigan could command a measure of recognition from the East in college sports, but it would be impossible to arrange satisfactory schedules in any of the major sports with eastern teams only. It would be necessary to fill out with contests against nonconference western teams, which now are regarded by Michigan as practice affairs. One game a year with Pennsylvania would not make a good football schedule. The Ann Arbor track team would be welcomed at the Pennsylvania meet and at the intercollegiate. The Michigan baseball nine would be able to get games in the east with big teams, but those eastern teams would not make the long jump to Ann Arbor for return dates. These are the financial and material sides of the case.

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The moral effect on the public would be more serious. It would indicate decided inconsistency on Michigan's part, since the origin of the movement for reform in athletics came from Michigan, to refuse to abide by the reforms resulting from that movement. It would give detractors opportunity to say Michigan stood for "wide open" athletics, and intended to have its own way in everything at any cost. These strictures would do great injustice to the Faculty at Michigan, which is standing firmly against the present agitation, to the majority of undergraduates who are not in sympathy with the agitators, and to the alumni who are in better position to get the right perspective of the question. There is no doubt the "big four" alliance ultimately would result in modification of the reforms which Michigan considers drastic and unjust. Michigan is not alone in these views, but Michigan could gain the approval of a great number of people interested in college sport if it stuck to the guns and helped pry off the 'lid' another year."

WITHDRAWAL NOT THE REMEDY

One of the real reasons for the present unfortunate state of affairs is the inability of many of the students to comprehend the attitude of the Faculty, which in turn perhaps has not always given enough consideration to the student side of the question. The undergraduates have been suspicious of the Board of Control. This has been shown by the way the undergraduates took matters into their own hands without waiting for action by the Board, and in fact effectively forestalling any measures which might have been taken. While of course it can not be said definitely what action the Board would have taken on the question of withdrawal from the Conference, it is certain that it would have considered the matter far more seriously, if its freedom of action had not been tampered with. There is reason to believe that the situation was no clearer to them than to many other close observers of the general situation. ¶ Further thought on the matter as well as information from other Conference colleges, however, has made it clear to many that such an extreme remedy as withdrawal would be unwise. There are many, however, who were in close touch with the real situation who felt great doubt as to our wisest course. THE ALUMNUS was for a long time one of these. From the first we have regretted, as every Michigan man must, the barring of some of our best men from further participation in athletics after they have been careful to abstain from athletics in the past, as they have in some cases, to be available this coming year. It is really an unwarranted hardship, one that everyone, the Board of Control included, would like to see remedied. On the other hand it is difficult for those who have followed Michigan's efforts for the establishment of this very Conference, and have watched her stand for pure sport throughout all its deliberations, to view her withdrawal with equanimity. Such an action can all too easily be construed as a purely selfish one. Even while we do not believe in our hearts that we are basing our action upon the principle involved, it is after all quite possible that we may be deceiving ourselves. Are we not big enough and strong enough, still to maintain the disinterested attitude we have striven for in the past? Would it not, after all, be a definite lowering of our standard to withdraw, even if the attitude of the Conference on some points under discussion has been somewhat Quixotic, as we believe it has been? Were there no definite advantage to us in withdrawal, aside from the principle involved, would

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there still be this talk? We believe not. ¶ So we feel that under the present circumstances withdrawal would be more regrettable than standing by our Conference, which after all is said and done, has been the most potent factor for pure athletics, not only in the West, but in the whole country. If we wish still to stand for the wholesome view of college sport, we believe it is our duty to remain within the fold even if it is to our immediate detriment. We believe as firmly that it will be to our future gain. And finally, if we are to withdraw, now is hardly the time. In all fairness to our standing in the collegiate world we should wait until we have no personal advantage at stake to obscure our clear vision. Then the world will believe us when we say that we are acting upon the principle involved. ¶ There is a question also as to the reality of the actual advantages, which it has been assumed are to be gained by such action. Is there any *definite* proof that we could continue our relations with the Conference colleges while outside the league? There are in fact, letters existing from the supreme authority of at least three of the Conference colleges, intimating that if Michigan were to withdraw, all athletic relations would necessarily have to be severed. These colleges had rather keep up athletic relations with Michigan, to be sure, were all things equal, but it is a question whether this feeling would overbear the feeling that the relaxation of the Conference restrictions would give Michigan an undue advantage. ¶ As for the East we certainly have no guarantee of a continued series of games with any of the leading colleges. We can, of course, find games with some of the minor institutions, and, occasionally, with a larger one, but there is little hope of a series of contracts with larger institutions for a long period, simply because there are enough natural rivals much closer at hand to make a series of games with an institution as far away as Michigan undesirable. We maintain that before withdrawal from the Conference is really considered, we should know definitely where we can turn for games not only for next year but five years from now. Otherwise we may find ourselves in the position of Mother Hubbard's dog.

THE HONOR SYSTEM

Student honor is not such an uncertain quality as some instructors might believe. But it must be appealed to through the right channels. Rightly or wrongly many a student seems to see no harm in cheating at examination—if he can do it—while the teacher is watching him. The examination resolves itself into a game between him and the argus-eyed individual who tiptoes from one corner of the room to the other, seeking whom he may flunk. But, it has been observed, should that instructor leave the room, the percentage of cheating is lowered instantly; a delicate point of honor is touched upon, and though the average student feels freer to talk and joke, he is far more careful about asking leading questions on the subject in hand. All this every student knows, and many wise professors. The latter have doubtless found that the papers returned from such an examination bear less evidence of collusion, cuff-written notes, and other methods by which the student thinks he fools his instructor—but usually doesn't.

IN THE MEDICAL DEPARTMENT

Following the example of Princeton and some Southern colleges, and inspired largely by a sprinkling of Princeton men in the classes, the Medical Department in the University has main-

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tained for several years the honor system in examinations in all four classes. In essentials the plan pursued is this. The members of a class sign a paper agreeing:

1. Not to use unfair means themselves in examinations, or to help others.

2. To report any evidences of cheating on the part of others to a student committee, which is to deal judiciously with the offender, and if he is found guilty to report him to the Faculty.

3. Those who are unwilling to sign the paper are to be privileged to take a separate examination.

4. The instructor is to leave the conducting of the examination absolutely to the students.

¶ These rules form the basis of the papers which have been signed by all the medical classes in the University. In the opinions of members of the Faculty they have been, on the whole, a success, although, especially in the case of one of the classes, there is a feeling that it might work more efficiently. The great stumbling block is the regulation which provides that every student shall report any irregularities that he may see. Some have even gone so far as to take the examinations separately, deeming it a point of honor, rather, not tell upon one another. The provision which makes a student committee, the recipient of the information does away with this feeling only in part, for the penalty, suspension, or expulsion, is inflicted by the Faculty. Several cases have occurred in the past and the penalty inflicted although few in the class know definitely who the culprits have been.

IN OTHER DEPARTMENTS

Whether the "honor system" would work in the other departments of the University is a matter of conjecture. It should. But the students have shown little interest so far, and in some cases have been actively hostile. It is always the same argument, the unwillingness to "peach," which forms the groundwork of their objection, and in the large departments there does not seem to be sufficient *esprit de corps* to overcome it. This argument, however, is effectively answered by a number of the members of the Faculty of the Medical Department, who have taken a deep personal interest in the matter, and who say in substance that no one is expected to watch his neighbor,—if there is no cheating, as per the agreement, there will be no need of watching. ¶ There is another and far more effective reason, however, which prevents the adoption of this plan in the Literary and Engineering Departments,—it would be less available for the Law Department,—and that is the lack of solidarity in class organization. In the Medical Department, and in the Dental and Homœopathic Colleges, which are allied with it to some extent in this practice, the class meets almost as a unit every day, and all take the same work and the same examinations. This of course is impossible in the Literary Department where the size of the classes, the many totally different lines of work, and the fact that many students in the same class go through the four years without knowing one another, militates strongly against the system. One great reason for its success at Princeton as acknowledged by Princeton men is the closely-knit organization of the various classes, where every man is an acquaintance, or a good friend of every one else. ¶ Nevertheless the espionage which is maintained in some of our classes is irksome to both student and teacher. It is possible that, although the system as practiced at Princeton is impracticable here, still a better feeling of confidence might be produced on the part of student and teacher and

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this in time might lead to something more definite. The question offers a fertile field for work on the part of the Students' Council or the Union. It is really a question of interesting popular sentiment.

MICHIGAN WINS TWO DEBATES

With two debating teams in the field, one at Ann Arbor and the other at Evanston, Ill., Michigan was victorious Friday, January 18, 1907, on both sides of the same subject. The debates this year were held for the first time under the rearrangement of The Central Debating League, which is now composed of Chicago, Northwestern and Michigan. Minnesota was formerly included, but was so far away that it was found impracticable to keep up debates with her. Under the new plan the same question is chosen, as usual, for each of the colleges composing the League, but two teams are picked, one to defend and one to oppose the question, instead of the one team formerly chosen. This gives each team the advantage of actual practice with opponents, and does away with the necessity for preparing for two debates within the same year, as has sometimes happened. ¶ The question at issue for the Central Debating League this year was: "Resolved, That a progressive inheritance tax should be levied by the federal government, constitutionality conceded." This was a question of peculiarly timely interest, and Michigan took full advantage of the opportunities which it offered. The team which met Chicago in University Hall, Ann Arbor, was composed of A. D. Pearce, '08. S. W. Downey, '08*l*, and George H. Downer, '07*l*. Regent Loyal E. Knappen, lately appointed Judge of the Federal District Court at Grand Rapids, presided in the place of Governor Warner, who was prevented by illness. The judges were Judges J. H. Doyle, J. A. Barbour, and L. W. Morris, all of Toledo. The decision which gave the debate to the Michigan men was unanimous. ¶ The first speaker for Michigan, A. D. Pearce in giving Michigan's line of argument, in defense of the affirmative side of the question, declared that there exists no natural right to inheritance. On the other hand it is a privilege extended by and under the control of the government. Its swollen fortunes are a menace to the national welfare and an equitable distribution of wealth can be secured only through a progressive inheritance tax. In addition to this the affirmative observed that it was a desirable social and fiscal measure, and pointed out that while we are the richest of all the nations, we tax wealth the least. Chicago, in taking the other side of the question asserted that it lay with the affirmative to show the necessity and justification of the inheritance tax in time of peace. The first speaker in outlining the negative argument maintained that the inheritance taxes should be levied by the states individually. The federal government has no need of revenue from such a tax. The states need full use of the right to levy inheritance taxes in order to remedy local abuses and furthermore the federal tax is an unwarranted encroachment upon the rights of the states. The negative demanded from the affirmative a definite rate of taxation and argued that a low rate would be ineffective, while one so high as to be confiscatory would be evaded by legal strategists. ¶ At Evanston on the same evening Sheridan Downey, '07*l*, George Eves, '09, and J. W. McCandless, '08, represented Michigan on the opposite side of the same question and by winning on their part made the victory for Michigan all the more satisfactory and complete. The decision was unanimous in this case as well. The de-

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bate was decided by Professor Jesse Macey of Iowa College, Justice Scott M. Ladd of the Iowa Supreme Court, and H. K. Butterfield, United States District Attorney at Hartford, Wis. Judge Orrin N. Carter of the Illinois Supreme Court presided. Northwestern in taking up the question ignored the value of an inheritance tax from the side of social reform and based the case largely on the need of the revenue, necessitating an entire recasting, in some parts of the Michigan line of argument. Michigan contended that an inheritance tax was not necessary as a revenue measure because the revenue was not needed; the present revenue system was adequate, and also just and equitable, since it was a tax upon the employer, or wage payer rather than upon the wage earner. Michigan also maintained that the present system was good because it was elastic, and that since the evils in connection with overgrown fortunes were state evils, the states should be given the exclusive use of the inheritance tax. ¶ These victories make twenty-one of twenty-nine debates won by Michigan, as well as a record of eleven won consecutively. Of the other two colleges of the Central Debating League, Chicago lost both of her debates and Northwestern won one and lost the other.

COLLEGE REGISTRATIONS FOR '06-'07

As has been customary in former years, *Science* published Dec. 21, 1906, an article on "University Registration Statistics," carefully collected by Rudolf Tombo, Jr., Registrar of Columbia University. Dr. Tombo has taken considerable pains to make these figures as accurate as possible and has, as usual, drawn some very interesting and instructive conclusions therefrom. In the total number of students Michigan has advanced from fourth to third place, with only Harvard and Chicago leading with a larger number of students, Columbia having fallen behind by twenty-four students. If the regular sessions, however, are counted, and the summer schools, or in the case of Chicago the summer quarter, be not counted, Michigan will rank well above Chicago and take second place in the total of American Universities.

It is well here however, to repeat the caution which Dr. Tombo gives in his article. He hopes that he "will not be interpreted by the reader as desiring in any way to place undue emphasis on mere numbers as the most important development of a higher institution of learning; at the same time it will no doubt be of interest to notice how and where gains and losses have been made. No sensible person will regard the number of students in attendance at a University as the sole criterion of the advantages that one institution has over another."

A study of the table given on page 191 will show a loss on the part of several institutions, especially the Coast universities, for obvious reasons, and Johns Hopkins (—10.17%). The greatest gains are shown by Pennsylvania (14.69%), New York University (12.74+%), Indiana (10.02%), Missouri (9.75%). Chicago shows a gain of (3.59%) and Michigan (3.38%).

A comparison of the registration figures of 1906 with those of 1902 shows that, with five exceptions, every university has increased its registration. The exceptions are California (—11.71%), Northwestern (—8.35%), Indiana (—8.07%), Johns Hopkins (—7.62%), and Harvard (—2.29%). The universities which have made the largest gains during the same period are Pennsylvania (54.34%), New York University (49.16+%), Missouri (47.09%), Ohio State (36%), Kansas (30.60+%), and Virginia (27.13%). Cor-

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THE FANCY DRESS PARTY OF THE WOMAN'S LEAGUE, BARBOUR GYMNASIUM, JANUARY 21, 1907

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COMPARATIVE REGISTRATION FIGURES, NOVEMBER, 1906[1]

FACULTIES	California	Chicago	Columbia	Cornell	Harvard	Illinois	Indiana	Johns Hopkins	Leland Stanford, Jr.	Michigan	Minnesota	Missouri	Nebraska	Northwestern	Ohio State	Pennsylvania	Princeton	Syracuse	Virginia	Wisconsin	Yale
College Arts, Men	566	702	606	731	2236	362	503	166	993	1528	515	371	290	368	268	307	755	1332	278	785	1350
College Arts, Women	929	647	398		399	395	397	....	476		871	354	669	479	266	.....	.....		.....	718	.....
Scientific Schools*	758	.....	524	1544	242	1020	.....	.....	.....	1197	615	577	619	.....	770	636	484	407	118	782	929
Law	40	146	261	206	689	156	189	....	140	748	441	232	171	235	149	297	.....	180	206	150	290
Medicine	54	145	352	336	296	488	65	264	.....	423	196	65	132	500	.....	594	.....	150	133	.....	155
Graduate Schools	204	358	808	212	437	139	.....	156	49	96	53	107	95	40	41	285	110	65	43	302	357
Agriculture	112	.....	.....	256	43	361	.....	.....	.....	.....	763	108	175	.....	180	.....	.....	.....	.....	143	.....
Architecture	†	....	87	83	‖	130	.....	.....	.....	.....	.....	.....	.....	.....	17	136	.....	45	.....	.....	.....
Art	‡	.....	.....	.....	‖	13	.....	.....	.....	.....	.....	...	59	.....	.....	.....	.....	77	.....	.....	40
Dentistry	35	...	.....	.....	65	85	.....	.....	.....	168	162	.....	.....	325	.....	356	.....	.....	.....	.....	...
Divinity	.....	173	.....	.....	37	.....	.....	.....	.....	.....	.....	.....	.....	210	.....	.....	.....	.....	.....	.....	82
Forestry	**	.....	.....	.....	‖	**	.....	.....	.....	.....	**	.....	.....	.....	12	.....	.....	.....	.....	.....	59
Music	†	.....	26	.....	‖	104	.....	.....	.....	.....	†	.....	315	367	.....	44	.....	619	.....	230	81
Pedagogy	†	178	726	.....	‖	†	.....	.....	.....	.....	†	277	.....	.....	.....	.....	.....	332	....	58	....
Pharmacy	45	.....	254	.....	.....	171	.....	.....	.....	92	71	.....	.....	120	66	.....	.....	.....	.....	34	....
Veterinary	.....	.....	.....	88	.....	**	.....	.....	.....	.....	.....	.....	.....	.....	125	111	.....	.....	.....	.....	....
Other Courses	.....	247	.....	248	.....	42	.....	32	.....	.....	.....	.....	200	131	62	1028	.....	40	.....	.....	.....
Deduct Double Registration	.....	(167)	(156)	(5)	(15)	.....	(106)	....	(140)	(81)	.....	(288)	(70)	(140)	(2)	.....	.....	(328)	(33)	(483)	(71)
Total	2743	2429	3886	3699	4429	3466	1048	618	1518	4171	3687	1803	2655	2635	1954	3794	1352	2919	745	2719	3272
Summer Session, 1906	707	2702	1041	642	1074	502	682	....	51	794	336	403	246	.....	389	275	.....	131	.....	550	222
Deduct Double Registration	(204)	(400)	(277)	(266)	(160)	(158)	(215)	....	(39)	(291)	(79)	(135)	(94)	.....	(163)	(135)	.....	(46)	.....	(170)	(17)
Grand total, 1906	3246	4731	4650	4075	5343	3810	1515	618	1530	4674	3944	2071	2807	2635	2180	3934	1352	3004	745	3099	3477
" " 1905	3631	4557	4755	3871	5283	3635	1377	688	1606	4521	3940	1887	2635	2791	2057	3430	1361	2776	696	3083	3477
" " 1904	3738	4035	4833	3833	5392	3369	1206	740	1424	4000	3886	1704	2728	2856	1758	3027	1385	2452	691	3370	3008
" " 1903	3690	4146	4557	3438	6013	3239	1614	694	1370	3926	3550	1540	2513	2740	1710	2644	1434	2207	638	3221	2990
" " 1902	3676	4296	4302	3281	5468	.....	1648	669	1378	3764	3505	1408	2560	2875	1603	2549	1345	2020	586	2884	2804
Officers	336	341	600	525	583	424	85	189	150	332	324	164	175	290	176	375	177	213	83	313	428

[1] Owing to the small size of the page it was found necessary to omit the figures for New York University, and the University of Kansas, which were included this year.

* Includes schools of chemistry, engineering, mining and related departments.

† Included in college statistics. ‡ Temporarily discontinued.

‖ Not a separate school; course taken by undergraduate and graduate students in college or scientific school and graduate school respectively.

** Included in agriculture.

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nell (24.20%), Michigan (24.18%), and Yale (24%) show almost the same percentage of gains. To the establishment of summer sessions this large increase is ascribed, in several of the institutions. This, however, would not hold good in the case of Michigan.

The universities included in the total are ranked as follows, according to these latest figures: Harvard, Chicago, Michigan, Columbia; Cornell has passed Minnesota in rank, and Pennsylvania and Yale have passed California; the order being after Cornell; Minnesota, Pennsylvania, Illinois, Yale, New York University, California, Wisconsin, Syracuse, Nebraska, Northwestern, Ohio State, Missouri, Kansas, Indiana, Princeton, Virginia, and Johns Hopkins. With the summer session omitted the order would be as follows: Harvard, Michigan, Columbia, Chicago, Pennsylvania, Cornell, Minnesota, Illinois, Yale, New York University, Syracuse, California, Wisconsin, Nebraska, Northwestern, Chicago, Ohio State, Missouri, Kansas, Leland Stanford, Princeton, Indiana, Virginia, Johns Hopkins.

The tables show that a reaction has apparently set in toward an increase in enrollment in the academic department, although not so noticeable at Michigan as at other colleges. There has been a general falling off in the professional schools of law and medicine, although a few of the schools show small gains. In graduate schools also there has been a decrease; Cornell, Missouri, Virginia, and Wisconsin only showing increases. The only dental schools that show an increase are Michigan and Pennsylvania.

Harvard still maintains the lead she has had for a number of years in the academic department. Taking both men and women into consideration the order is as follows: Harvard, Michigan, Wisconsin, California, Leland Stanford, Minnesota, Yale, Chicago, Syracuse, and Columbia. In the number of scientific students Cornell still leads with Michigan second. Illinois comes third and then Yale. Of the ten universities having an enrollment of over one thousand academic students, six are situated in the West, and of the twelve with an enrollment of over five hundred scientific students, eight are in the West. Michigan has dropped from first to second place in the law schools of the country; New York University is now first, Harvard is third, Minnesota is fourth. Harvard is also the only one of the four, requiring a baccalaureate degree for admission. Pennsylvania has the largest medical school, Northwestern second, Illinois third, and Michigan is fifth in the list. Columbia stands at the head of the graduate schools, 808 students; Harvard, 437; Chicago, 358; and Yale, 357. Michigan shows only 96 in this department. Minnesota leads in agriculture, Pennsylvania in architecture, Syracuse in her art school. Pennsylvania has also by far the largest school in dentistry, Northwestern leads in divinity, and Yale in forestry. Syracuse has the largest school in medicine; Columbia the largest teachers college, as well as the largest school of pharmacy; and Ohio State has the most veterinary students.

The University of California shows a gain of only two over the previous year in the colleges of letters and science. An apparent loss of 67 in the number of graduate students is given as more apparent than real, inasmuch as there was a great increase in the enrollment of graduate students in 1905 owing to a new regulation which made it necessary for the 1905 graduates applying for teachers' certificates to return to the University for at least a half year's study. This

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regulation was temporarily suspended for the class graduating in the summer of 1906, owing to local conditions. The school of art has been temporarily discontinued owing to the loss of the building and the equipment of the school by fire.

The fact that Chicago has a four quarter system makes it somewhat difficult to compare with other universities. The summer quarter is not exactly equivalent to the summer schools of other universities, although as a matter of fact most of the students who attend at that time do not attend for the other three quarters. Taking as one-third of a unit, a student in residence for one quarter, so that a student in residence three quarters would equal one unit, the total enrollment, according to the *Boston Evening Transcript* of Oct. 20, would equal 3,205.

There has been a slight decrease in the total registration of Columbia owing to losses in several of the professional faculties, although the college shows a considerable increase. The entering class in the college has been the largest in its history. The schools that show a decrease are the faculty of applied science, the faculty of the school of architecture, and the law school and school of pharmacy.

Cornell University shows a noticeable gain in the academic department as well as in the scientific schools. These figures include only the mechanical and civil engineering students, as at Michigan, as the students in chemistry are included in the academic department. The schools of law and medicine show a decrease.

Harvard University reports an increase in total attendance, especially in the academic department. The law and graduate schools and school of dentistry show a falling off. The increase in Harvard college and noticeable reduction of Lawrence Scientific School is due to changes of classification and new plan of study adopted by scientific students in connection with the establishment of the new graduate school of applied science.

In the University of Illinois the grand total shows an increase, although medicine, dentistry, and the graduate schools show a decrease. The slight decrease at Leland Stanford University is, of course, self-evident. This has made itself felt in all departments except law which has remained stationary.

The University of Michigan, according to the article, shows no such remarkable gains in attendance as was evidenced at the same date last year. Nevertheless there has been a considerable increase everywhere except in the departments of law and Homoeopathic medicine and in the graduate schools. The decrease in the professional schools mentioned may be due largely to the increased requirements for admission.

The University of Minnesota shows a slight loss in the fall registration, although the increase in the enrollment in the summer school brings the grand total four in advance of last year's figures. A conservative estimate for the total enrollment of the year would be between 4,000 and 4,100. There has been an increase in requirements in the scientific schools, although there was no falling off as was expected.

A gain of 178 at the University of Missouri is distributed over all the departments with the exception of the department of medicine. This falling off is due to an increase of two years' work in the entrance requirements.

The University of Nebraska shows an increase in every faculty with the exception of that of law. The loss in attendance shown at Northwestern is due partly to the fact that there were no summer sessions in 1906. The principal losses are in the graduate

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school, the department of dentistry, divinity, and pharmacy. The only departments showing a loss at Ohio State University are those of agriculture and forestry. The total enrollment shows an increase over last year.

The academic department and the graduate schools of the University of Pennsylvania have remained stationary, while the scientific schools, the schools of medicine, architecture, dentistry, and veterinary medicine have made considerable gains. The greatest increase is shown under "other courses" in the total, namely from 621 to 1028. The students given in this column under this item are enrolled in the courses of finance and commerce, both day and evening, and in the teachers courses. Undoubtedly some of the latter fall in the category of extension students which are omitted in the case of Harvard, Columbia, and other institutions, but it was impossible to ascertain in time the right proportion to be omitted.

The academic department of Princeton shows a gain of over 100, while the scientific schools show a similar decrease, the total registration falling off slightly. To the increased requirements and their more rigid enforcement is ascribed the fact that the entering class is not as large as last year. The only department at Syracuse University that shows a decrease is that of art. The schools of medicine, architecture, and music, as well as the graduate schools have remained stationary. The University of Virginia shows a considerable increase all along the line and its enrollment this year is the largest in the history of the institution. The University of Wisconsin shows a slight decrease in the earlier figures which is however more than offset by the increase in the summer session. The chief decrease has been experienced in the number of men enrolled in the academic department. At Yale the fall registration still continues to increase, although the grand total is the same as last year owing to the decrease in the summer school students.

MICHIGAN MEN AT THE MEETING OF LEARNED SOCIETIES

Michigan men, both members of the Faculty and alumni as well, took a prominent part in many of the meetings of the educational and scientific societies which met during the Christmas holidays at Providence, R. I., Columbia University, Yale University, and the University of Chicago.

Before the American Historical Association, which was among the societies which met at Providence, December 26-29, Claude H. Van Tyne, '96, now Professor of American History, read a paper upon "Sovereignty and the American Revolution: An Historical Review," and Charles H. Cooley, '87, Professor of Sociology, read a paper upon "Social Consciousness" before one of the meetings of the Sociological Society. Professor Jeremiah W. Jenks of Cornell, a graduate of the University of Michigan, 1878, also delivered the annual address before a joint session of the American Historical Association and the American Economic Association, in his capacity as president of the latter. His subject was, "The Modern Standard of Business Honor." Professor Henry C. Adams and Professor J. Elbert Cutler were also present and took part in some of the discussions of the Economic and Sociological Associations.

Among the alumni who participated in the programs of the various societies, aside from Professor Jenks, were Lucy M. Salmon, '76, A.M. '83, Professor of History at Vassar, Katharine Coman, '80, Professor of Economics at Wellesley, both of whom took part in discussions connected

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with their subjects. Edwin F. Gay, '90, Professor of Economics at Harvard, read a paper upon "Some Recent Theories Concerning the Stages of Economic Development." Frank Haigh Dixon, '92, Ph.D. '95, Professor of Economics at Dartmouth, was also chairman of a discussion upon the "Administration of the New Interstate Commerce Act," in which Professor H. C. Adams participated. John A. Fairlie, Professor of Administrative Law, was also in attendance at the American Political Science Association and was made a member of the Executive Council.

Michigan was also well represented at the meetings of the various associations and societies which compose, or meet with, the American Association for the Advancement of Science, at Columbia University, New York. At the meeting of the American Association of Anatomists, James Playfair McMurrich, Professor of Anatomy read a paper on "The Plantar Musculature," and before the American Physiological Society, Warren P. Lombard, Professor of Physiology, read a paper on "The Loss of Weight from the Human Body." Charles Wallace Edmunds, '01*m*, Lecturer on Therapeutics and Materia Medica, also spoke on "The Influence of the Digitalis Series upon the Velocity of the Blood-Stream," before the same society. Dr. McMurrich was also elected president of the American Society of Naturalists.

Dr. G. Carl Huber, '87*m*, now Professor of Histology and Embryology, is also secretary and treasurer of the American Association of Anatomists, as well as a member of the Executive Committee in association with Dr. McMurrich. Both Dr. Huber and Dr. McMurrich are members of the editorial board of the American Journal of Anatomy.

Walter B. Pillsbury, Professor of Psychology, spoke before the American Psychological Association on "An Attempt to Harmonize the Current Psychological Theories of the Judgment." He also introduced John F. Shepard, instructor in Psychology at the University, who gave a paper upon "Some Results of Experiments on Cerebral Circulation in Sleep." James R. Angell, '90, now Professor of Psychology at the University of Chicago, was President of the Association. Professor Pillsbury also took part in a discussion on "Organized Coöperation in Standardizing Psychological Tests." He was also elected a member of the council and of the committee to standardize psychological tests that grew out of the discussion on the same subject.

At the meeting of the zoölogical section H. H. Newman and O. C. Glaser, instructors in zoölogy at the University read papers upon "The Dynamic Inheritance in Fundulus Hybrids," and "Movement and Problem Solving in Ophiura brevispina," respectively. A paper on "The Life History of Cryptobranchus Alleghenensis" was also given by B. G. Smith, instructor in Zoölogy in the University. There were also several papers read by alumni of the University. Among these were a paper on "The Behavior of the Starfish," by Herbert Spencer Jennings, '93, and one on "The Sense of Sight in Spiders" by Leon Jacob Cole, '01. Raymond Pearl, until last year instructor in Zoölogy, also read a paper on "Morphogenetic Localization in Aglasphenia."

Robert Bennett Bean, M.D., instructor in anatomy, also read an article upon "The Negro Brain" before the Association of American Anthropologists meeting in conjunction with the American Ethnological Association and the American Folk-Lore Society. Dr. Bean also read a paper on "The Temporal Lobe of the Negro Brain" before the American Association of Anatomists.

Two of the meetings of the modern

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language association held during the holidays were attended by Michigan men. The Eastern section held its meeting at New Haven and elected Fred N. Scott, '84, Ph.D. '89, Professor of Rhetoric, as President of the National Association. W. E. Bohn, instructor in English, also read by title, a paper on "The Development of John Dryden as a Literary Critic."

At the meeting of the Central division, held at the University of Chicago, there were several papers read by members of the Michigan Faculty. Warren Washburn Florer, instructor in German, read a paper on "Frenssen's *Hilligenlei* and Rosegger's *I.N. R.I.*" Arthur Graves Canfield, Professor of French, discussed the question, "Did Victor Hugo Visit the Rhine in 1838?" and John W. Scholl, instructor in German, discussed "August Wilhelm Schlegel, and Goethe's Epic and Elegaic Verse." John R. Effinger, '91, Ph.D. '98, Professor of French, was also Chairman of the section on Romance Languages.

Michigan was also represented at this meeting by alumni. Jane Sherzer, '93, President of Oxford College for Women, read a paper on "American Criticism of Shakespeare." Professor Frank E. Bryant, '99, A. M. '01, of the University of Kansas, read another on "The Conservatism of Language in a New Country," and Professor Edwin C. Roedder, '93, Ph. D. '98, of the University of Wisconsin, also read by title, a paper on "The Bernese Vocabulary in Jeremias Gotthelf's Works."

At the joint meetings of the American Philological Association and the Archaeological Institute of America, held at Washington, Jan. 1 to 5, Francis W. Kelsey, Professor of Latin at the University, was elected president of the American Philological Association. Professor Kelsey also remains as secretary of the Archeological Institute of America.

THE JANUARY MEETING OF THE REGENTS

The Regents met in the Regents' Room in the Law Building, Jan. 18. All the Board was present with the exception of Regent Carey, who returned in time for the afternoon session.—The title of Clarence L. Meader was changed to Assistant Professor of Latin, Sanskrit, and General Linguistics.—Robert S. Carney was made teaching assistant in qualitative analysis for the second semester at a salary of $400.—A number of other changes and reappointments were also made in the Department of Chemistry. —The title of Otis C. Johnson was changed to Professor of Qualitative Analysis.—The title of William G, Smeaton was changed from instructor in chemical engineering to instructor in general engineering.—Mrs. Camille B. Green was appointed clerk and stenographer in the Secretary's office of the Engineering Department. —The salary of Theodore W. Koch, Librarian of the University, was increased from $2,500 to $3,000 to begin with the second semester.—An addition of $30 was made by the Board, to the previous appropriation of $100, for the exhibition cases in the Library.—A communication from Professor Henry M. Bates in behalf of the Michigan Union stated that Regent Levi L. Barbour had presented a lot in Detroit to the Michigan Union. It was intended by the donor that this lot be sold and the proceeds be devoted to the building fund of the Union. The deed of the lot accompanied the communication, and the Regents took formal charge of the property. The thanks of the Board was ordered returned to the donor.—The sum of $100 was appropriated for general drafting for various buildings on the Campus.—In accordance with the recommendation of Superintendent Gilmore of the University

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Hospitals, Sarah Etta Wynn was granted a certificate of graduation from the University Hospital School for Nurses.—The Dean of the Department of Law notified the Board of a gift from the West Publishing Company of St. Paul, Minn., to the Law Library, of a complete set of the Century Digest, consisting of fifty volumes, and the annual supplements thereto, of eighteen volumes. The minimum value of this gift is probably $350.—A gift to the same Library was also reported of an ancient deed dated in England in 1685, given by David E. Heineman of Detroit. The thanks of the Board was ordered returned to the donors.—The resignation of Dr. William H. Morley, demonstrator of obstetrics and diseases of women in the Department of Medicine and Surgery, was presented and was accepted by the Board. Dr. Morley goes abroad for further study.—The Superintendent of Buildings and Grounds was authorized to decorate the rooms of Alpha Nu society in University Hall at a cost not to exceed $80.—Rollin H. Stevens, M.D., was appointed lecturer in dermatology for 1906-'07, without compensation with the exception of traveling expenses.—Neil Bentley, M.D., was also made assistant in ophthalmology, otology, and laryngology without compensation.—Wales M. Signor was made instructor in obstetrics at $900.—Elton P. Billings, M.D., was made demonstrator of obstetrics at $500, and Frank C. Witter, M.D., was made first assistant in the same department at $500.—An appropriation of $50 was made to the *Inlander* for copies to be distributed among the various high schools in the state.—$55 was also appropriated to the *Michiganensian* for 100 copies which are to be sent to various high schools in the state.—A tract of land lying between the University Hospitals and the Michigan Central Railroad was purchased for $3,250.—The sum of $83.56 was appropriated for storm windows to be placed in the windows of the University Hospitals.—The deed of the property presented to the University by Walter S. Nichols and Mrs. Etta Connor Nichols for the new arboretum was formally accepted by the Regents.—Eight new arc lights were ordered installed in the Gymnasium in place of the old ones.—The sum of $250 was appropriated for fitting up the basement of Tappan Hall for the classes of Professor Krause.—The resignation of Bertram G. Smith, instructor in Zoölogy in the University of Michigan, in order to take up the position of instructor in the same subject at Lake Forest University, was accepted. Miss Frances Dunbar was advanced to his position and her work was appropriated among various assistants in the Department of Zoölogy.—George P. Burns was made Assistant Professor of Botany at a salary of $1,600.—The Board of Regents adjourned until Feb. 21.

THE RHODES EXPERIMENT

After an investigation on the spot, illumined by interviews with the London and Oxford permanent officials of the Rhodes Trust and with some of the resident scholars, it is my deliberate opinion that definite conclusions are beyond reach as yet. Time has not tried sufficiently, the great experiment remains an experiment. If, therefore, vagueness beset me, where opinions seem in order, I have my apology.

On the threshold, let me advert to a condition, not peculiar to Oxford, but operative in all British universities. Unless one grasp it, the crux of the

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situation may escape him very easily. When a student enters an American university as a candidate for the Arts degree, he is free to make multitudinous combinations each of which leads equally to the desired haven—the A.B. In other words, contrasted elections aside, all candidates stand on precisely the same level in the university organization. Differentiation among students, wrought deliberately by statute, has no existence. Obviously, then, it is fundamental to state that an identical plan *never* obtains at a British university. There the undergraduate must face *one* election—whether he will pursue a *pass* or an *honour* degree. His decision *must* affect his university course profoundly, and it *may*—as a matter of fact it frequently does—control his whole future career. To be quite personal, for the sake of vividness;—had I missed my first class in honours, I should have been an Edinburgh solicitor today; the academic career would have been closed to me. For, in a country where high academic distinction, proceeding along lines and determined by tests the value of which everybody knows, forms the indispensable prelude to advancement in the teaching profession, or offers an advantageous start in a political, legal, diplomatic, or civil service career, the Arts course possesses an influence and consideration impossible when, as in the United States, a mere pass goes to all. Except the recipient redeem himself, so to speak, in after life, the British academic public regards a pass degree as of slight significance. Thus, a student of good preparation and of ambition will, inevitably, choose to "come out" in honours. His course will *not* be the pass course, but one demanding more advancement and ability at the outset, a much more extended range during preparation for the degree, and an incomparably severer test in the degree examinations; one, further, so far competitive that it may end in the comparative beatification of a first class, in the half failure of a second, or in the academic disaster, as it usually spells, of a third or fourth.

Moreover, a system like this cannot be devoid of influence on preparatory education. In England, a type of the consequence would be seen in the following. A boy proceeds, say at the age of nine, to a preparatory school, where he is put into trim for one of the great public schools—Eton or Winchester, Clifton or Dulwich. For their own reputation, the heads of the preparatory schools "crop" their best boys, and "run" them for scholarships at the public schools. Then, in the second stage, the masters of the public schools "crop" their best, and "run" them for scholarships offered at Oxford and Cambridge. The winner of a Balliol or Trinity scholarship already reflects glory on his school and is a marked man. But Oxford and Cambridge happen to be groups of colleges. And so, in a third stage, the college Dons "crop" their best men, and "run" them for the special scholarships, fellowships, prizes and honors of the University. The most natural question you can ask at a prominent Oxford college is, How many firsts did you get in "Mods" or "Greats" last year? On this the eminence of the college rests. Consequently, the boy who "arrives" is the select remainder from a long and severe process of elimination of the unfit. He therefore incarnates, along certain lines at least, a kind of equipment to which our American undergraduate can hardly pretend. For no such mill grinds the cisatlantic youth. Remember we are not discussing the relative merits of the two highly contrasted plans, but are simply stating facts. And *the point* is that the Rhodes scholar finds himself compelled to meet this refined product on

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THE UNIVERSITY HOSPITALS
THE PALMER WARD IS THE SECOND FROM THE LEFT

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its own ground, as it were. I am quite sure we do not understand this as yet, and, till we do, the inwardness of the situation cannot appear to us. Hence, too, the remark made in my hearing by one of the best American scholars;—"Our preparation in comparison with that of the English scholars" (he was comparing "scholar" with "scholar"—and a scholar is already a winner, not a mere raw undergraduate) "is simply ridiculous." Hence, also, the exclamation of an experienced Don, one of several uttered in the course of a long conversation, "I really cannot conceive what their preparation can have been!" He referred to members of his college, scholars from two states, which I forbear to mention.

We may infer, then, that his very title places a burden upon the Rhodian. His fellow scholars, being the *crême de la crême* of the selective process outlined above, have arrived at a level of preparation which may be his by a happy accident, but wherefrom, by the very nature of his case, he is debarred as a rule. Besides, their preparation has come at the hands of those who "know the ropes" thoroughly from personal experience. Like is set to produce like. And, as if to emphasize the difference even more, they represent the very best results of the English schools, arrived at by a thoroughly tried and conventionalized process; whereas, we have no such machinery, and, after a fashion, must make our selection on data very meagre by comparison. Finally, the examination imposed upon the American candidate means nothing; as evidence of scholarship, it has no standing in Oxford. It is no more than the bare entrance to the university required of *pass* men. True, we might overcome this somewhat by electing, from those certified to have passed, the one who will best fit into and profit by the Oxford atmosphere. So far as my limited experience of this possibility goes, I have no hesitation in saying that, even here, we fail to do ourselves justice. Of Rhodes candidates I have known one who had special affinity in this respect. He failed of election; naturally, shall I add? Of his successful rival I could find no trace at Oxford. He had been swamped academically, I suppose. No wonder then, as one Rhodes scholar said to me, "It is like home to see you; we poor fellows need about a year to 'catch on' to the situation here." He also gave me a most amusing recital of his first experiences and impressions. The Dons were a new breed to him, and the feeling was most mutual!

The unavoidable conclusion seems evident enough. Owing to our widely different academic system, and, in addition, our deep-seated social contrasts, we have not been able to adjust ourselves, all at once, to the opportunities afforded by the Rhodes benefaction. In future, we must compel ourselves to appoint with some concrete sense of the actual circumstances as they exist at Oxford. Frankly, I see no impediment, apart from our most explicable and pardonable ignorance. For, to be quite plain, it would be an absurdity were we to confess that we had not the material, an impertinence were an outsider to make the same allegation.

And this diagnosis of the case receives strong corroboration from the achievements of Rhodians sent by the British colonies. The close of the academic year 1905-6 saw the first batch of scholars complete their residence and come under the final tests of the university. Roughly, the proportion of colonials to Americans is about three to eight. Notwithstanding this disparity, the former annexed six firsts (including one rarely gained by the English themselves) and three of the coveted scholarships and prizes

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of the university, while the Americans gained two firsts and one B.Sc. degree. Are we to infer consequently that colonial brains are superior to our own? I answer that the dweller on this side may reply, and without self-esteem, *circumspice*! But there are the hard facts; how explain them? Very easily. The colonials are trained, and what is even more important, *chosen*, by men who know what is wanted, and who are fully alive to the kind of type which will take root in the Oxford environment, and this without loss of valuable time. Be very sure they do not propose to be "represented" by *anybody* who can pass the First Public Examination. They know its minimum value too well. Be very sure, further, that, by all possible means, they propose to have their scholars reflect glory upon the colonial universities, just as the English scholars do upon their schools. The success of the McGill scholar, in winning the Ireland Scholarship, the chief Oxford distinction in classics, and the advertisement thus accruing to the Montreal institution, supply an admirable example in point. To be brief, and to use an expressive colloquialism, the colonial universities are "next." We are not, and our pressing business—I might almost say duty—is to remedy this defect at once.

I am well aware that difficulties beset us in this regard. For example, it is no exaggeration to declare that the method of election handicaps us enormously, that is, from the British standpoint. The Oxford scholar fights his way, inch by inch, through a matter of ten years, and his judges possess an amount of cumulative data such as to eliminate error in appraisement almost entirely. We must never forget that he approaches, not by a mere pass, but through the severest competition. When he does win, there can be no sort of doubt why. He has been trained with an eye to possible competition, and he must down this by his native ability and added cultivation. Everything worth while in the British universities *goes by competition*. The bright boy progresses under continuous stimulus, and he soon feels that much, mayhap everything, for his future depends on how he comports himself. I suppose we scarcely realize the stress in this country, where things continue fluid. Let me illustrate it. I have actually seen a candidate for a fellowship come into the examination room, and walk out immediately, with the remark to another candidate, "If *you* are to compete, I need not sit!" He had been beaten before, and he knew quite well that the same fate would follow again, so precisely were the "weights" of the competitors revealed to each other. Now, if the candidates knew this, how much more the examiners! This is what I meant when I said above, the colonial universities "know what is wanted." They, too, enjoy the means of standardizing the respective merits of their pupils. What a man can do, and how and why; what a man cannot do, and how and why not, are current—*not talk*, but *most definite knowledge*. By comparison, then, we suffer sad handicap in making a choice of one who, by this very choice, will be thrust into just these conditions. Our primary problem lies in the direction of overcoming this without delay.

Nor can we stop here. Another question looms up, and must needs be faced. What proportion of our undergraduate brains is available under the Oxford conditions? The approach to the Rhodes scholarship runs by way of some mathematics, some Greek, and a good deal of Latin. Was I wrong in pointing out to the Dons that disqualification of some 80 per cent of our students thus follows? In a manner, I was. But in another

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manner, I was not. Let us look at the latter alternative; for it alone counts. It matters not that, after entrance, a scholar may specialize in the "schools" of mathematics and physics, of natural science, of jurisprudence, of modern history, of Oriental languages, of English literature, of modern languages, or of theology, the classical requirement stands immovable on the threshold. Accordingly, if we happen to have a first rate man in any particular study, who desires to go to Oxford, the obvious plan is to prepare him for this moderate classical requirement, and then see to it that he is elected on his proved capacity along whatever line. There are absolutely no valid reasons why competent men in history and political economy, in chemistry or physiology, in mathematics or physics, in oriental or modern languages, or in English literature should not be sent —except that we have not evolved the necessary scheme. If choice at haphazard is to cease, then the American universities must agree on a plan. Oxford offers scope to the undergraduate in almost any subject; but we do not realize that we are bound to forward men of thorough preparation, and that the classical entrance means very little. The difficulties and limitations above illustrated are certain to continue, if we cannot or will not face them. On the whole, I believe it to be a mistake to send graduates. Oxford does not lay herself out for them; besides, the spirit of the Rhodes testamentary disposition is evidently that the American scholars should pass through the regular mill, which implies a "class"—that is, special study along some definite line. What line does not cut any figure, the man's the thing. In brief, far more weight must be accorded to proved knowledge and ability; little or none to the fact that some raw youth coached a rawer high school team somewhere in the backwoods of a western state. The alternative, too, seems perfectly clear. Send the sons of rich men, who, like their cogeners in the old land, will pass through the university, without pretence or hoodwinking, purely for social advantages. Only, see to it that remittances are regular and generous.

Oxford has received the Rhodians cordially, and they have entered pleasantly into her distinctive life. But, this apart, the whole administration, as concerns the United States, remains an experiment, and maintains itself in unstable equilibrium. I have tried to show why, from our standpoint. It is unnecessary to add that such an issue is as unsatisfactory as undesirable. It gives fair play neither to the representative American undergraduate nor to Oxford. Exceptions, to this point, as usual, prove the rule.

R. M. WENLEY,
(Ph.D., LL.D., Glasgow.)
Professor of Philosophy since 1896.

WHAT IS THE MATTER WITH MICHIGAN ATHLETICS?

When the events of today are chronicled by the historians of tomorrow, each happening must be explained in the light of its causes. The interdependence of each and every thing will be pointed out. The amended constitution or the radical reform will be shown to have had their causes, direct and indirect, or remote and immediate. Things do not merely occur in this world; a thread connects the one with the others.

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The present athletic situation at Michigan, which is discussed in another part of the magazine, has not been brought about by any single measure adopted or reform voted down. It is only too true that the refusal of the last meeting of Conference representatives to effect certain modifications of the recently made rules was the immediate cause of the existing condition of athletics at the University. No fire, however, has ever yet come from ashes without the presence of some coals. Fan them and they blaze.

All athletic questions at Michigan are either settled by the Board of Control or referred by that body to the University Senate. In all cases, however, every question pertaining to any form or branch of athletics must come before that Board to be passed on there or handed on for settlement. This has been the case for years; in fact further back than the present students' knowledge of Michigan athletics. There has been no other board to pass on a single question, and they have been educated to believe in the power of this Board.

When the decision of the last conference was announced, students appealed to alumni and the Regents. Many alumni, unsolicited, wrote long letters to the Regents calling upon them to take action on the question of withdrawal from the Conference. Without precedent they were appealing such a question to the Regents as it had in the past been the duty of the Board of Control to settle. This they were doing before the Board had met; before that body had had time to express itself as in favor of or opposed to Conference withdrawal. Here then is the remote cause of the present situation—remote I say, yet so important as to be the primary cause of the athletic disturbance.

At the root of all I find the organization of the Board of Control, not the members who compose it, for better student and Faculty members could not be found upon the Campus, but the simple material question of composition. The student body elects four men, one each from the Literary, Law, Engineering, and Medical Departments. The Senate appoints five Faculty men; and these nine organize. A Faculty man is elected president, another secretary and treasurer and the Board is ready for business.

In every question that comes up there are five Faculty and four student votes to be cast. I do not say that the two stand in a position of antipathy, nor that they ever have but once so far as I know. Nevertheless the condition remains. Should the Faculty members favor a proposition which the students oppose they can carry it; should the students advocate a motion, not favored by the Faculty it is lost. Talk of unity of purpose, of common ideals, of singlemindedness—the situation still remains unchanged in the mind of the outside student. It is still 5 to 4. He sees a Board controlling the athletics, and he realizes his party is in the minority. His point of view is the same as that of the small stockholder in the corporation. The man with 51% of the holdings may be using his power of control for the best interest of all, yet it would be hard for the 5% holder to realize that he was not being "run." The condition of affairs is sad. It is most lamentable when one considers the excellent men who now compose our Board, but the fact still remains.

The solution of the problem demands a change. Either student sentiment must be so tempered as to recognize the infallibility of the present Board, or the composition of the Board must be modified to meet the present and existing sentiment. The University Senate can affect this latter change if they desire it. Whatever particular form the modification

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may take, the equilibrium of power between Faculty and student body must be established, a one to one ratio agreed on. The deciding vote could rest with an alumnus, or the physical director, or some one chosen by the other members of the Board. If the alumnus were a representative man he would express the sentiment of our graduate body, now larger than that of any other university in America. If he were the physical director he would be more closely in touch with athletic affairs than any Faculty or student member. If he were such a man as could not be depended upon in time of a crisis, when clear and impartial thought must prompt every act, then surely he would not be the man to hold a position with the University, and the more quickly his services were dispensed with, the better for Michigan. If he were an outsider, an interested third person, selected by Faculty and students, then his vote on all matters must be that of the majority.

Had such been the composition of the Board of Control at the time the recent question arose, it would have been settled before this. I have not the least doubt that the decision, whatever it may have been would have received the support of the majority of the student body.

Perhaps, after all such an organization of the Board would not be productive of the best results. Would an alumnus or an outsider have that feeling of responsibility for his actions which moves the student, Faculty man, or physical director. Is the sane and conservative Faculty member, who is connected with the University not for a year or four years, but probably for life, the man who was once a student, and perhaps of Michigan, who has followed athletics for years, who enjoys a good game and believes in clean sport, not fitted to pass on the questions of vital interest to Michigan—to him? These are but a few of the questions which each broadminded man must satisfactorily answer for himself before he takes sides on a question of such proportions.

H. C. Stevenson, '06.

THE DEDICATION OF THE PALMER WARD, MONDAY, FEBRUARY 11, 1907

The Palmer Memorial Ward of the University Hospital was formally dedicated February 11th, in the presence of the Faculty of the Medical Department, the members of the various classes in the department and many other visitors. The exercises were held in Sarah Caswell Angell Hall at 10:30 a. m., and were followed by an elaborate dinner at which covers were laid for the Faculty of the Medical Department, various distinguished guests and the members of the Senior Class, who attended in a body. This gift to the University is a memorial to Dr. Alonzo B. Palmer, a professor in the University from 1852 to 1887. His widow, at her death, March 7, 1901, left the sum of $20,000 for the purpose of erecting this building, as well as $15,000 in addition, as an endowment, for the support and maintenance of free beds therein.

After a prayer by the Reverend Henry M. Tatlock and a song by the senior class, Professor Martin L. D'Ooge, the administrator of the Love M. Palmer estate, made the formal presentation of the Palmer Memorial Ward to the University.

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PRESENTATION SPEECH—PROFESSOR MARTIN L. D'OOGE

Mr. President and Gentlemen of the Board of Regents:

The late Mrs. Love M. Palmer bequeathed to the University the sum of twenty thousand dollars to be expended in erecting an addition to the University Hospital, to be named the Palmer Memorial Ward in honor of her husband, Dr. Alonzo B. Palmer, who rendered faithful and distinguished service to the Medical School of this University for more than thirty years.

In due course of time, I had the honor, as executor of the estate of Mrs. Palmer, to pay the amount of this legacy to your Honorable Board, and today, as the representative of the will and purpose of this gracious and generous lady, it affords me great pleasure to assist in the public dedication of this ward, both as a memorial to Dr. Palmer, and as a testimonial to the devotion of his wife not only to his memory, but also to the prosperity of this School of Medicine and Surgery. Mrs. Palmer's generous interest in the work of this School of Medicine and also in the alleviation of the distress of the poor is declared by the bequest of fifteen thousand dollars which she left in trust to your Honorable Board, to be used in the maintenance of free beds in the ward that is dedicated today.

Permit me, Mr. President and gentlemen, to express the hope that these ministries of healing and mercy provided for by these generous bequests may long accomplish their beneficent ends, and may perpetuate the memory of these benefactors of the University and of their fellow-men for many generations.

ACCEPTANCE—PRESIDENT ANGELL

President Angell accepted the gift in behalf of the University and the Board of Regents, saying:

As a representative of the authorities of the University I beg to express the pleasure and the gratitude with which we have received this Palmer Ward. We prize it as a permanent memorial of one who gave a long life of continued service to this institution and of a refined and generous woman, who by giving it manifested at once her love to her husband and her loyalty to the University. The memory of their lives and their services we shall treasure faithfully as one of the most precious treasures which we possess. We shall rejoice to see in this structure, a building which shall long endure to hand down to succeeding generations the name of Palmer for the beneficent uses for which it is to be devoted.

ACCEPTANCE IN BEHALF OF MEDICAL DEPARTMENT—DEAN VAUGHAN

Dr. Victor C. Vaughan, Dean of the Department of Medicine and Surgery, then accepted the gift in behalf of the Medical Department. He said:

The Department of Medicine and Surgery at the University of Michigan accepts with thanks this gift so happily bestowed upon it, and I am sure I am speaking for the whole Medical Faculty when I say that it is fortunate, that this new ward is to be devoted to the treatment of diseases of Children. Having known both Dr. and Mrs. Palmer so long and so intimately as I did, I am sure that no other use would be so satisfactory to them as the one which is proposed. The greatest advances probably that have been made in the last twenty years in medicine concern the treatment of diseases of children. Twenty-five years ago I attempted to collect some statistics on the subject and I found that more than 25% of the children born to the civilized world died before they reached five years of age. This is a fearful comment upon our civilization. Understand that these

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figures do not apply to the world at large, but to the civilized world and to the most advanced part of it. Not more than twenty-five years ago one of the greatest factors in the death of children was summer diarrhoea of infancy and it was an interesting fact that for many years the medical profession sought for the causes of this disease in many places. We looked for it in the sun spots. I suppose there has never been any great plague by which mankind has been afflicted which has not been attributed to the sun. Then we listened for the causes of this high mortality in the winds. Meteorological charts were made and it was decided that the disease was due to an east wind or a southwest wind until practically all the points of the compass were involved, and then it was suggested that it might be in the earth. That it was due to an exhalation from the soil. We looked for it in the sun spots, we listened for it in the winds, and we dug for it in the earth. We looked everywhere except where it should have been expected in the first place. I remember that in the early eighties when I suggested, along with some others, that possibly the summer diarrhoea might be due to impure or decomposed milk, some one in discussing my paper said that was not true; that the cause was the general use of the baby cab; that the infantile death rate had greatly increased in the United States in the last fifty years and the use of the baby carriage had increased, therefore the high mortality was due to this perambulator. Now we know that every case of summer diarrhoea of infancy is due to poisonous milk and there is no one more competent to discuss this subject than the gentleman who is to speak to us today. There is one other point that I must mention. It was my great pleasure and good fortune to be present in the University of Budapest when Roux read his paper, demonstrating beyond question the great service of anti-toxin in diphtheria. Learned men from all parts of the world were present. These men stood on their seats and tossed their hats in the air and hurrahed as I had never seen before except as at a political convention. These and other discoveries are gradually reducing the death rate among infants and I can confidently predict that many lives will be saved in the Palmer Ward which is today dedicated to sick children.

Dr. George Dock, Professor of Medicine then introduced Dr. John Lovett Morse, Professor of Pediatrics in the Harvard Medical School, outlining in a word the two functions of a hospital: that of caring for the sick, and the gathering of special medical knowledge by investigation of the material offered.

Dr. Morse then gave a technical address upon "The Feeding of Infants."

The Palmer Ward was completed in 1903 and has been in use since that time, although it has not been entirely devoted to the diseases of children as originally designed. It is proposed, after these dedicatory exercises, to retain it for the one class of patients only.

The building is located between the medical and surgical Hospitals, and is just in front of the nurses' home. It is a three-story building with a high basement, and contains wards for women, children and infants, as well as many private rooms. The subject of Pediatrics, and the treatment of the children at the hospital is under the charge of Dr. George Dock and Dr. David M. Cowie.

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News

ATHLETICS

THE "BIG FOUR" PROPOSITION

At the meeting of the Conference held Jan. 12 at Chicago, the representatives of Chicago, Wisconsin, Minnesota, and Michigan discussed a tentative schedule for the games of the next four years. It is is follows:

CHICAGO GAMES

1907 with Michigan and Minnesota.
1908 with Michigan and Wisconsin.
1909 with Wisconsin and Minnesota.
1910 with Minnesota and Michigan.

MICHIGAN GAMES

1907 with Chicago.
1908 with Minnesota and Chicago.
1909 with Minnesota and Wisconsin.
1910 with Chicago and Wisconsin.

MINNESOTA GAMES

1907 with Chicago and Wisconsin.
1908 with Wisconsin and Michigan.
1909 with Michigan and Chicago.
1910 with Chicago and Wisconsin.

WISCONSIN GAMES

1907 with Minnesota.
1908 with Chicago and Minnesota.
1909 with Chicago and Michigan.
1910 with Michigan and Minnesota.

At the time of this writing the schedule has been formally approved by all the colleges concerned except Michigan, whose attitude is uncertain. It is felt that this arrangement will give Michigan a schedule too hard for the short season. The games arranged so far are Case, October 5, Vanderbilt at Nashville, November 2, and Pennsylvania at Ann Arbor, November 16. If we were to play Chicago as provided in this "big four" schedule, the game would naturally fall on either November 9 or 23, and either date will bring the hardest games too close together. Under these circumstances it is difficult to see the advisability of Michigan's entering into this agreement for the coming year at least.

Meanwhile negotiations for other dates in the football schedule, as well as in the track and baseball schedules, are being delayed until the question of withdrawal from the Conference is settled. Ohio State, Nebraska, and Notre Dame all offer possible games. Tentative arrangements in baseball have been made with Chicago and Illinois, but nothing definite will be done until after the meeting of Michigan's Senate.

CHANGES IN THE FOOTBALL RULES

Three important changes were made in the football rules for the coming year at the joint meeting of the Rules Committee on football and the committee formed by the Intercollegiate Athletic Association of the United States last year, at the Murray Hill hotel, New York, Jan. 25 and 26. The amalgamated committees worked entirely in harmony.

The old Football Rules Committee was represented by Professor L. M. Dennis, Cornell, chairman; Professor J. B. Fine, Princeton; John C. Bell, Pennsylvania; William T. Reid, Harvard; A. Stagg, Chicago; Paul Dashiell, Annapolis, and W. H. Corbin, Yale, who took the place of Walter Camp, who was ill. The representatives of the Intercollegiate Athletic Association were: Dr. H. L. Williams, Minnesota; C. M. Savage, Oberlin; Charles D. Daly, West Point; William L. Dudley, Vanderbilt University; John T. Lees, University of Nebraska, and E. K. Hall, Dartmouth.

After a long general discussion of the football rules three changes were made. These were the lengthening of the halves from thirty to thirty-five minutes; the lightening of the penalty for an unsuccessful forward pass; and the creation of a "field umpire" whose duties are to be those of an assistant referee.

Perhaps the most important of these changes will be the legislation upon the forward pass. The new ruling inflicts a penalty of fifteen yards on the first and second downs for the team failing in the forward pass. The penalty last year for a failing forward pass was loss of the ball at the point where the pass was made. The new rule, it is felt, will encourage use of the ball more frequently at critical stages of the game, and at the same time not inflict so severe a penalty as to make it a remedy to be resorted to only in most desperate cases.

From now on there are to be four officials instead of the three provided last year. They will be as follows: a referee, line umpire, field umpire, and linesman. The duties of the new official, according to the definition of the committee, are as follows:

"In addition to the regular duties as umpire he will have jurisdiction over the ball,

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the interference, and the fouls in connection with the catching, securing, or position of a ball that has been passed or kicked down the field. He shall mark the spot of a fair catch, shall rule on points covering the touching of the ball by any player after a kick or forward pass, the touching of the ground by the ball after a kick or forward pass, the possession of the ball when a down has been made and violation of rules covering a fair catch. He shall mark the point where the ball goes out of bounds on the opposite side of the field from that on which the linesman is stationed. On every attempt at goal from the field or from the touchdown he shall take his position under the goal posts to assist the referee in making a proper decision by holding up his hand. He shall indicate to the referee when to blow the whistle on all decisions under his jurisdiction."

"The duties of the line umpire will be the ordinary duties heretofore followed by the umpire. The word 'line' designates simply that he shall stand in the neighborhood of the line of scrimmages. The field umpire will stand behind the defensive line down in the field where a kicked ball is likely to go."

There has also been a change in the ruling concerning a fair catch. Several times during the season a player signalled for a fair catch, drawing the opposing ends toward him, but instead of taking the ball himself, a back of his side standing near him would take the ball and make a run. Therefore, the following regulation was made:

"The player shall be considered as having the opportunity of making a fair catch if he is in such position as it would be possible for him to reach the ball before it touches the ground."

"In case a signal for a fair catch is made by any player who has an opportunity for a fair catch and another player of his side who has not signalled for a fair catch, catches the ball, no run shall be made, and a fair catch shall not be allowed, but the ball shall be given to catcher's side for a down at the point where the catch was made."

SANGER TO COACH BASEBALL SQUAD

Frank Sanger, '07*l*, of Paw Paw, for the past two years pitcher on the Varsity team, has been engaged by Manager Baird to conduct the preliminary baseball practice in the cage in Waterman Gymnasium. A general call for men was issued February 11. The initial squad has been generally made up of about seventy aspirants. These are weeded out by batting work princpally until only about thirty men begin the outdoor training.

Sanger has held the box position for Michigan for the past two years, and has been the main factor in landing the championship both years. Before coming to Michigan he played one year as a "prep" student and one as a freshman at Kalamazoo College which disqualified him from further amateur competition.

CAMPUS CALENDAR

COMING EVENTS

FEBRUARY

Wednesday, 20.—Governor A. B. Cummins of Iowa. S. L. A. course.

Thursday, 21 (afternoon).—Meeting of the Regents.—Election of members of the Student Council.

Friday, 22.—Washington's Birthday exercises. Address by Governor Charles E. Hughes of New York. University Hall.—Founder's day in the Medical Department. Exercises in Sarah Caswell Angell Hall.

Monday, 25.—Leland T. Powers, impersonator. S. L. A. course.

MARCH

Week 4 to 9.—Hugh Black, D.D. Ferry Lectures. Newberry Hall and University Hall.

Tuesday, 5.—Creatore's Band. S. L. A. Course. University Hall.

Friday, 15.—Annual oratorical contest. University Hall.

Monday, 18.—Emilio de Gorgoza, song recital. Choral Union series.

Wednesday, 20.—Hon. W. J. Bryan. S. L. A. course.

APRIL

Tuesday, 2—Lecture. Samuel Gompers. S. L. A. course.

Friday and Saturday, 5 and 6.—Michigan Union Minstrel Show. University Hall.

Friday, 12.—Vacation, in all departments, begins.

Monday, 22.—College work resumed.

MAY

Wednesday to Saturday, 8, 9, 10, 11.—Annual May Festival concerts.

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PAST EVENTS

JANUARY

Tuesday, 8.—Basketball courts for the men were opened in Waterman Gymnasium.—Work was resumed in all departments of the University.—Announcement was made that Professor Kelsey had been elected President of the American Philological Association.

Wednesday, 9.—The Michigan Union announced plans for another minstrel show. Harry E. Fletcher was appointed general chairman.

Thursday, 10.—The Civic Club made arrangements through the College Men's Political Association to receive letters from prominent men on important topics.—a Faculty Concert was given at the School of Music.—The Association of Collegiate Alumnae announced the establishment of a woman's fellowship in Europe.—The museums of pharmacology and pathology were opened to junior medics.

Friday, 11.—Professor C. J. Tilden addressed the Engineering Society on "Tests."—The junior girls held a "Children's Party" in Barbour Gymnasium.—President Shelton of the Fencing Club, won the final victory of the fall tournament.—The Jeffersonian Society held their annual inauguration.—Professor Bunker addressed the Webster Society on the subject, "The ideals of a Young Lawyer."—"The Vulcans" held a party at the Country Club.

Saturday, 12.—The Rocky Mountain Club held their annual banquet at Whitmore Lake.—A "Kansas Club" was organized.—The formation of class basket ball teams in the various departments was reported well under way.—The Chemical Colloquium was addressed by W. C. Smeaton on "Hydrate in Solution."

Sunday, 13.—J. A. McDonald, managing editor of the Toronto Globe, addressed the Young Men's Christian Association on "The State's Claim upon College men." A union meeting of girls from various religious organizations was held at Newberry Hall.

Monday, 14.—It was announced that Dr. J. P. McMurrich had been elected president of the combined Scientific Societies of America and New York City for the coming year.

Tuesday, 15.—The sophomore lits met and arranged for weekly smokers and a class dance.—A wrestling class was organized under Assistant Trainer Maris.—The Athletic Board of Control met to consider candidates for office and withdrawal from the Conference.

Wednesday, 16.—The Camera Club held a meeting in the new engineering building.

Thursday, 17.—Professor Beziat de Bordes lectured on "Les Premier Romans de Victor Hugo.—The Rhodes scholarship examinations were held.—H. John Wambold was appointed business manager of the *Inlander*.—Michigan debaters left for Evanston.—Professor William J. Hussey received half of the Laland prize awarded by the French Academy of Sciences for his discovery of double stars.—Senior lits elected a class basketball manager.

Friday, 18.—Michigan won the debate from Chicago on the subject, "Resolved, That a progressive inheritance tax should be levied by the Federal government; constitutionality conceded."—The Cross Country Club met in the trophy room to award cups to the winners of the novice and handicap races.—The Alpha Nu literary society elected officers.—The Board of Regents met.—Freshman and senior girls played basketball.—The senior laws decided to leave a picture of one of the Faculty in the law library as a class memorial.—The junior lits voted twenty-five dollars to the girls of the basketball team for the purpose of buying souvenirs on the same plan as those of other athletic teams.—The senior lits held a smoker.

Saturday, 19.—The Ben Greet players presented "Twelfth Night" in University Hall.—The Webster Society elected the following officers: President, G. F. Hammond; vice-president, L. M. Leper; secretary, W. R. Ardis; treasurer, M. V. Emerman; critic, H. A. Otto; sergeant-at-arms, Robert Kirschman.—It was announced that Professor Fred N. Scott is now President of the Modern Language Association of America.—The Athletic Association elected the following officers: Varsity football manager, Charles Thornburg; treasurer, Harry Hill; financial secretary, Donald P. Drummond; interscholastic manager, A. R. Chandler.—The Michigan Press Association invited college newspaper men to attend their annual meeting in Detroit.

Sunday, 20.—Bishop Charles D. Williams delivered the annual address under the auspices of the Students' Christian Association in University Hall.

Monday, 21.—The Woman's League gave a fancy dress party in Barbour gymnasium.—A student bowling league was organized.—W. B. Snow of Boston, addressed the Engineering Society on "The Creation of a Manufacturing Plant."

Tuesday, 22.—The Engineering Society elected Carl D. Bushnell president for the second semester. A committee was appointed to revise the constitution.—The Junior Research Society was addressed by Dr. John F. Shepard on "Organic Changes and Feeling."

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Wednesday, 23.—The Michigan Union considered plans for the disposal of the Detroit property donated by Regent Barbour for benefit of the Club House.

Thursday, 24.—The Michigan Civic Club held a business meeting.—The *Michigan Daily* decided to print an issue using only simplified spelling.—The Board of Control appointed a committee to consider the question of basketball numerals.—An entertainment was given by the elocution department of the School of Music assisted by pupils of the vocal department.—The sophomore medics presented Dr. Stiles, demonstrator of anatomy with a silver loving cup.—The "Sobotta and McMurrich

Friday, 25.—Announcement was made of a new testing machine designed by Professors Williams and Tilden, which will be the subject of a report to the American Society of Civil Engineers.—F. Hopkinson Smith appeared in University Hall under the auspices of the Students' Lecture Association.—The Adelphi Society elected officers.—The Board of Control held a meeting to consider Judge Lane's report from the Western Conference.—The Nu Sigma Nu fraternity house was announced completed.—The Chess and Checkers Club held their regular meeting at McMillan Hall.—The Sphinx Society gave a dance at Granger's.

Saturday, 26.—The Ben Greet players presented Hamlet in University Hall under the auspices of the English department, the proceeds being devoted to the Shakespearian library.—The graduate students held a meeting for the purpose of organizing a club.—Professor John R. Allen addressed the Mechanical Branch of the Engineering Society.—Judges for the Michiganensian art contest were appointed, viz., W. B. Shaw, Librarian Koch, and A. M. Smith, editor of the *American Tyler-Keystone*.—The Toastmasters Club elected the following officers: President, Lawrence C. Hull, Jr.; vice-president, Ward S. Bowman; secretary, James W. McCandless; treasurer, Carl E. Parry.

Sunday, 27.—Dr. Henry S. Nash spoke in St. Andrew's church on "The Relation between Religion and the Creative Imagination.

Monday, 28.—A Senior Dental Society was organized which will hold weekly meetings on the plan of those of the State Dental Convention. The officers are as follows: President, W. E. Wilson; vice-president, J. H. Linsley; secretary, R. G. Gix.—The junior literary students held a dance in Barbour Gymnasium.—Dr. L. H. Cone addressed the Chemical Colloquium on "Tantomerism and Color."

Tuesday, 29.—The Israel C. Russell seminary room was opened to classes in geology.—The sixth annual oratorical contest of the Temperance Research Club was held in Room B of the law building.—The senior engineers presented fobs to all members of their class who had represented them in football.—The Student Council met and accepted by-laws, received final report of the rush committee and had their picture taken for the Michiganensian.

UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

HIGHER COMMERCIAL EDUCATION

Aside from the many practical courses offered in the professional departments of the University of Michigan there are many others which have an immediate and practical purpose for the student who wishes to mingle with his study of *belles-lettres* something with a more definite bearing on a future business life. The courses in Higher Commercial Education offered in the University in the Department of Literature, Science and the Arts, have been complimented as a grouping of studies consisting of the most comprehensive outline, along actuarial lines, that has yet been adopted by any university or college.

The University realizes that the college man who enters business should be in the full sense of the word a man, an uplifting force in everything with which he is connected, doing his part as a citizen and in every other relationship of life . Furthermore that it is desirable for the prospective business man to acquaint himself with the fundamental principles which underlie all sound business practice and with the general structure and the more important processes of modern industry. He should thoroughly grasp those general laws of economic phenomena that are with such difficulty acquired later in the activity and practical experiences of business.

For these reasons, then, the University offers this Higher Commercial course including on the one hand, general culture and discipline studies, on the other, technical and information studies. The entire work is based upon the principle that the highest efficiency in industrial life is attained only by a high and symmetrical de-

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velopment of all the powers of the personality.

A brief review of some of the important courses follows:

Under the heading "Commerce and Transportation" a study is offered of the purchase, sale and transportation of commodities. The agencies of transportation and their problems are described. The marketing methods employed by agriculturists, manufacturers and merchants in domestic trade is explained and selected problems in foreign commerce are discussed. Wholesale and retail trade is fully covered in two separate courses of two hours each.

The courses in "Insurance and Statistics" cover the practices of actuaries and statisticians in dealing with statistical material. Graphic and analytic processes are developed and illustrated by analysis of articles in the current actuarial, statistical and mathematical journals. The aim is to give the student a working knowledge of principles and the ability to apply them to new problems . It is also intended to take up the theory of compound interest and annuities and their application in dealing with modern large financial transactions.

"Industrial Technique" is the title of a series of courses which is intended to develop that portion of political economy devoted to the production of wealth. The principles of industry are described and examined; while the resources and extractive industries as well as the manufactures of the United States are studied.

The commercial courses have been added to recently, the latest addition being a number of courses in "Accounting and Business Organization." The purpose of these courses is to explain the organization and processes of the individual business unit, especially as they bear upon the financial condition of the business. They are concerned with the forming and maintaining of controlling records, the valuing and appraising of property, the ascertaining of production costs, and with the business system in general. This is a most valuable and highly interesting course of studies and though but newly installed is already in good working order. Preparations are being made to present advanced work along this line . This will no doubt be given at the beginning of the next college year.

The addition of these courses in Higher Commercial Education to the regular courses of the Literary Department is something the value of which can not be overestimated, affording as it does, an opportunity for the student to acquire a working knowledge on various practical subjects, without the preliminary technical education required by the regular course.

Besides the courses mentioned a large number of others are offered under the headings "Political Economy"; "Industrial and Social History"; "Money, Banking and Finance"; "Law and Administration", and "Applied Science."

THE WOMAN'S LEAGUE

Among the especial advantages offered to women at the University of Michigan are those which are to be obtained through the Woman's League, an organization which has its headquarters in the parlors connected with Barbour Gymnasium.

In the earlier days of coëducation at the University of Michigan almost no college spirit existed among the women of the University. No large gatherings were held and thus many of the women students had no opportunity to become acquainted with many of their classmates. These conditions were the result of the lack of social organization in the University and a place suitable for holding gatherings of a social nature.

In 1890 this entire situation was changed, through the inspiration aroused by a lecture delivered by Alice Freeman Palmer, then president of Wellesley College, and herself a graduate of Michigan with the class of '76. She first addressed the faculty women and urged them to do all they could to help and benefit the University girls. A large meeting of the college and faculty women followed, and at this meeting the first steps were taken toward the organization of the Woman's League as it exists today.

The object of the League is the promotion of social life among the college women, the furtherance of the aims of the University as far as possible, and the encouragement of a philanthropic work in the hospitals. The League is composed of active members, among the college women, and associate members, among the faculty women. It is governed by an executive and an advisory board. The executive board consists of one representative from each sorority and an equal number of independent representatives. The advisory board consists o fone more than half the number of the executive board, and is composed of faculty women.

To avoid the difficulties of political wire pulling the office of president alternates between a member of a sorority as the girls' fraternities are called, and an "independent," or one who is not a member of a sorority.

Inspired by a generous gift of $20,000 from Regent Barbour, the Woman's League virtually raised the remainder of the money for Barbour Gymnasium, which was fin-

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ally, about ten years ago, erected as an addition to Waterman Gymnasium. The League now owns property consisting of dishes, silver, mahogany furniture and rugs, valued at $1,500. Through its efforts Barbour Gymnasium has become the center of social life among the women of the University and a place where the girls of all classes can meet on a common footing as University women.

FOREIGNER PRAISES AMERICAN ATHLETICS

Principal Reichel, of the university college of North Wales, a member of the Mosley educational commission, a company of English educators which visited this country a few years ago, published an address on "Some Interesting features of American Universities," which he delivered in Wales shortly after his return from a trip through America. Referring to Ann Arbor he said:

"I have sometimes been painfully struck by the number of students who break down with us under the strain of the ordinary degree work, and the idea has often occurred to me that we should be doing our duty better both to the students and to the country if we made physical training as compulsory a part of our curriculum as Latin. You may judge, then, with what interest I discovered, as we went round the American universities, that not only do they one and all make full and even sumptuous provisions for gymnastic training, but that with one or two rare exceptions they impose it on every student.

"At Ann Arbor, I was fortunate enough to see the first-year students, men and women in separate classes, going through the gymnastic exercises, and an impressive sight it was. The floor of the huge drill hall was covered with 500 students in extended order provided with light dumbbells; at one end on a dais about eight feet high stood the instructor issuing his commands and leading the rythmical movements of the class; the occasional grounding of the dumb-bells recalled Milton's famous phrase, 'the sound of thunder heard remote.'"

THE ANNUAL MEETING OF THE ATHLETIC ASSOCIATION

The official report presented at the midwinter election of the University of Michigan Athletic Association shows that the Association has received over $18,000 for football and has spent nearly $9,000. She has also spent almost $17,000 for improvements on Ferry Field and has placed $9,000 in the sinking fund. The balance on hand, Jan. 19, according to the report of the financial secretary, was $1,545.75. The report of the financial secretary, H. L. Patton, was as follows:

Receipts

Balance on hand Jan. 20, '06		$21224 56
Football	$18437 17	
Baseball	2361 47	
Track	1171 42	
Interscholastic	366 50	
General	3511 10	25847 66
Total		$47072 22

Disbursements

Football	$8989 07	
Baseball	1833 89	
Track	2642 46	
Interscholastic	368 93	
Tennis	30 40	
General	5574 97	
Office	186 75	
Expended for Improvements on Ferry Field	16900 00	
Placed in sinking fund to pay for improvements projected	9000 00	45526 47
Balance on hand Jan. 19, 1907		$1545 75

After this report was given the annual election took place which resulted in the election of the following officers for the coming year: Treasurer, Harry Hill; Financial Secretary, Donald P. Drummond; Football Manager. Charles Thornburg; Interscholastic Manager, Albert R. Chandler.

PHYSICAL COMPARISONS—YALE AND MICHIGAN FRESHMEN

Dr. George A. May, Physical Examiner at Waterman Gymnasium at the University of Michigan, has recently given out some interesting figures of comparison between Michigan freshmen and Yale freshmen, for which the statistics were gathered by Dr. Anderson. Of the 645 Michigan freshmen which Dr. May examined 185 had previously taken part in athletics. The average development is as follows:

Michigan Average

Age	19 years 4 months
Height	67.7 inches
Weight	138.51 pounds
Lung Capacity	236 cubic inches
Smokers	33.95%

Yale Average

Age	18 years 10 months
Height	67.8 inches
Weight	137.75 pounds
Lung Capacity	249 cubic inches
Smokers	43.74%

The larger lung capacity of the Yale freshmen is ascribed to the fact that more attention is given to physical training in the preparatory schools in the East.

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THE GROWTH OF THE ENGINEERING DEPARTMENT

At present the engineering department of the University of Michigan is making more rapid gains, as regards students, than any other department of the University. The number of persons studying engineering this year is about twelve hundred, which is over two hundred more than the number enrolled two years ago, and is nearly twice the number enrolled in 1902-03, or four years ago. The reason for this wonderful growth may be ascribed to a general increase in interest in the engineering profession, for which the University was especially prepared with a new Engineering building and new equipment. This new building, with the largest floor space on the Campus has now almost reached the limit of its capacity.

Since 1898 the number of persons studying engineering has been increasing at the same remarkable rate, as will be seen by the following figures:—

College Year	Students
1898-1899	245
1899-1900	280
1900-1901	359
1901-1902	489
1902-1903	602
1903-1904	823
1904-1905	993
1905-1906	1165
1906-1907 (about)	1210

NEW TEXT BOOKS BY MICHIGAN FACULTY MEMBERS

A number of new text-books in various subjects by members of the Faculty of the University of Michigan have recently been published by Geo. Wahr of Ann Arbor.

John R. Rood, Assistant Professor of Law is the author of a "Digest of the Important Cases on the Law of Crimes," compiled and arranged for the use of law students. The book consists of about 700 pages and is bound in law buckram.

Fred M. Taylor, Professor of Political Economy and Finance, is the author of a 300-page volume entitled "Chapters on Money."

Henry O. Severance, until recently Assistant Librarian, and now Librarian of the University of Missouri, has compiled a bibliographical "Guide to Periodicals and Serials" of about 400 pages.

John O. Reed, Professor of Physics has issued a second edition of his College Physics, 300 pages, illustrated. In collaboration with Dr. Karl E. Guthe, now Professor of Physics at the University of Iowa, he has also published a 250-page "Manual of Physical Measurements."

Aldred S. Warthin, Professor of Pathology, is the author of a "Laboratory Manual of Pathology" of 300 pages.

Warren P. Lombard, Professor of Physiology, has also published an illustrated 204-page manual on "Laboratory Work in Physiology."

Edward H. Kraus, Assistant Professor of Mineralogy is the author of a 300-page work on the "Essentials of Crystalography" with 450 illustrations.

A NEW TESTING MACHINE

A new machine designed for testing the action of beams under various loads has been recently installed in the testing laboratory of the University of Michigan. The machine has been designed by Professors Gardner S. Williams and Charles J. Tilden of the Civil Engineering Department of the University, and embodies an entirely new principle in testing construction. Hydraulic pressure is the agent employed in producing the necessary weight, which works rapidly, accurately and uniformly in distributing the load. This has formerly been effected by a slower, laborious, and sometimes dangerous process of actually loading the beam with pig iron or bags of sand. The greatest advantage, however, of the new machine is that it can produce an absolutely uniform distribution of load. It makes a most valuable addition to the testing laboratory of the University in view of the immense advance of steel concrete in building construction, for which it is especially adapted. The machine has proved so successful that it is to be the subject of a report to the American Society of Civil Engineers.

Dr. J. Playfair McMurrich, Professor of Anatomy at the University of Michigan, in collaboration with Dr. Johnson Sobotta of the University of Würzburg, Germany, is the author of a three-volume anatomical atlas, which is now appearing. The work which is known as the "Sobotta and McMurrich Atlas of Anatomy" has been awaited with interest by the medical world. The atlas consists of three volumes of 200 pages each, containing besides an excellent text, over 800 autotypes, lithographs and photographs of various sections of the human body. Two volumes have already appeared and the third is in preparation.

Dr. McMurrich is now president of the American Society of Naturalists, as well as a member of the executive committee of the American Association of Anatomists, and a member of the editorial board of the "American Journal of Anatomy."

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ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

A MICHIGAN DAY AT POUGHKEEPSIE

A note from Lucy E. Textor, '94, of the department of history at Vassar College, informs the editor of the ALUMNUS that "Michigan, Past and Present," was the subject of an interesting discussion at a meeting of the Woman's University Club of Poughkeepsie, N. Y., held December eighth. Professor Lucy M. Salmon, '76, Professor Gertrude Buck, '94, Ph.D. '98, and Miss Winnifred Robinson, '99 ,all now members of the Faculty of Vassar College, were the speakers.

WASHINGTON ALUMNI BANQUET

The annual banquet of the Washington Alumni Association of the University of Michigan was held in the banquet room of the Y. M. C. A. Building in Washington on the evening of Wednesday, Jan. 23. President Angell was the guest of honor for the evening. Judge Job Barnard, *'67l*, acted as toastmaster. Among those about the tables were President Angell, Justice William R. Day, '70, of the United States Supreme Court; Robert S. Woodward, *'72e*, President Carnegie Institution; Professor Dean C. Worcester, '89, of the Philippine Commission; Elmer E. Brown, '89, United States Commissioner of Education; and others.

In opening the program of toasts, President Barnard called attention to the fact that the Washington Association of Michigan Alumni is next to the largest, if not the largest single Association in the country. The Association was fortunate, he said, in having each year as its guest President Angell, whom he then introduced.

In opening his remarks Dr. Angell spoke with great pride on the membership roll of the Washington alumni which contained the names of so many high in authority. He then told of the recognized value of college trained men in mercantile and engineering pursuits. He felt that the fact that their value was being recognized more and more throughout the country was perhaps the most important phenomenon of the present development of the country. Throughout the country the colleges and universities have experienced a falling off in the number of students in the Departments of Law and Medicine, but a corresponding increase in Engineering and in the Literary courses, which involved political economy and other more or less practical subjects. A larger number of college men are going into mercantile and engineering lines after graduation and it is remarkable that within the past few years applications have been made by great engineering firms and mercantile houses for college graduates. This evidences a change in the attitude of the business man against the college man. Dr. Angell reported an increase of over two hundred in the total number of students in the University and stated that the interests of the student are beginning to center in general University life rather than in the departments. He attributed this to athletics and to the efforts of the Michigan Union, an organization seeking to build a Club House where students can gather in an informal way. He also gave notice of the purchase by the Union of the Judge Cooley property as a site for the future Club House.

Representative Townsend, the next speaker, spoke of the seventeen members of the House and the two Senators from the University of Michigan. Justice Day, who is a member of the class of 1870, discussed the University of Michigan men on the bench. In speaking of the Michigan men who are judges presiding over courts throughout the land, he had this to say: "When a case comes to the United States Supreme Court which has been tried by a University of Michigan judge in the lower court, we never reverse the decision—unless we have good cause,—and that very seldom happens." Justice Day also gave some Michigan reminiscences of the time when he was a student with the class of 1870. Dr. Elmer E. Brown spoke on the influence of the University of Michigan on the educational system, and maintained that the present system of the United States, where rich and poor alike can gain a complete education was largely the result of Michigan influence. Katherine Reed, '98, of the Western High School, represented the University women on the toast list and created much merirment. She thanked the management on behalf of the ladies for the privilege of attending after they had been excluded for fifteen years.

Professor Dean C. Worcester spoke upon the Americans in the Philippines. There are no Filipino people today and never have been. We are creating them now, he declared in his address. Before the Americans entered the Islands there were many races, but they were without education, even the teaching of the Spanish language being tabooed. The people were never given an opportunity to show what they

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are made of. It is only through education that the Filipino can be made a united race. The United States commissioners realized this fact, and instead of importing soldiers they shipped in a boat load of school teachers. The speaker believed in the policy of the United States as to the educational system. He said that in nearly every village the traveler can find from ten to fifteen persons who can talk on the ordinary topics in the English language.

Before the regular program commenced, the election of officers for the coming year took place and resulted as follows: President, Job Barnard, '67*l*; First Vice-President, Thomas Edwards, '99*l*; Second Vice-President, Eben W. Martin, '79-'80; Third Vice-President, Robert S. Woodward, '72*e*; Secretary, Minott E. Porter, '93*e*; Treasurer, Charles H. Spencer, '96*e*.

One hundred and five guests in all were in attendance.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'67

The class of '67 in all departments will hold its fourth decennial reunion on Alumni Day, Wednesday, June 19, 1907.

Word has come to the Secretary of the Alumni Association from Arthur S. Hobart, '63-'65, of Traverse City, Mich., that the class of '67 expects to hold a reunion. He says, "Although forty years have passed most of the boys are still active and we expect to have a good attendance." The class secretary, Jabez Montgomery of the Ann Arbor High School, is corresponding with the members and any who are wishing for further information should address him.

Milton Jackson, '67, M.S. '70, president of the Miller Lock Company, has changed his address in Philadelphia to Oak Lane P. O.

William J. English, '67, '69*l*, A.M. '69, may be addressed in care of Munroe & Co., F Rue Scribe, Paris, France.

Thomas Quinn, *m*'65-'66, who has practiced medicine for the past thirty-three years in Muskegon, Mich., recently moved to Hoquiam, Wash., to join his son. Dr. Quinn is a graduate of Queen's College, Toronto, Ont., and the University of Pennsylvania.

'69

'69. William A. Butler, Jr., 883 Second Ave., Detroit, Secretary.

Albert A. Robinson, '69*e*, M.S. '72, LL.D. '00, has recently removed from 25 Broad St., New York City, to 900 Tyler St., Topeka, Kans.

Baxter Sovereign, *m*'67-'68, is a physician at Yorkshire, N. Y.

James Carlton Carson, *m*'67-'68, is superintendent of the New York State Institute for Feeble-Minded Children at Syracuse, N. Y.

William M. Goodlove, *m*'67-'68, may be addressed at 78 Seaton St. N. W., Washington, D. C.

Jefferson Scoonover, m'66-'68, M.D. (Columbia) '69, may now be addressed at 1317 Spruce St., Berkeley, Calif.

Ambrose E. Ball, '69*l*, formerly at 330 Pine St., San Francisco, may now be addressed at 1223 Laguna St.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Charles G. Wing, '70, '73*l*, of Ludington, Mich., was the democratic congressional nominee from the ninth district in the recent election. Previous to his university course he served for two years in the navy during the Civil War. After graduation he located at Ludington and engaged in the practice of law. He is now president of the Ludington State Savings Bank and lives on a 400-acre farm near Ludington.

Henry C. Ripley, '70*e*, one of the three civil engineers who devised the plan carried out by the city of Galveston for protection against future inundation, has been engaged during the past year in engineering work in Guatamala and Brazil. He is now chief engineer in charge of an important improvement of the port of Para, Brazil. He sailed from New York May 27 last and arrived at Para June 11. Here he spent two months in a survey of the port and in making plans and estimates for its improvement. Business then called him to

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THE FRONT OF THE OLD AND THE NEW MEDICAL BUILDINGS

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Rio de Janeiro, where he arrived August 24, "in the dead of winter," as he says. He was still at Rio, December 1, last. He expects to have his family join him at Rio during the coming summer.

Arthur M. Monteith, '70*l*, has been engaged in the practice of law at Belton, Texas, for the period of thirty-three years. He has been a director of the Belton National Bank about twenty years.

Arthur C. Gower, '70*p*, may be addressed at Chippewa Falls, Wis., R.F.D. 4.

'71

'71. Byron A. Finney, Ann Arbor, Secretary.

Rev. Henry C. Granger, '71, of Evanston, Ill., with his sister, Miss Granger, were in Ann Arbor in November, the guests of classmate Dean Hutchins.

A. J. Parshall, '71, Hydrographer of the U. S. Geological Survey at Cheyenne, and B. T. K. Preston, '71, editor of the "Salinas Index" at Salinas, Calif., paid the University flying visits in December.

Charles J. Willett, '71, A.M. '74, Regent of the University from 1884 to 1892, is a prominent attorney at Pasadena, Calif. He is very active in Masonic circles and has attained to the thirty-third degree in Scottish Rite. Judge and Mrs. Willett spent the past summer traveling in Europe.

R. F. Fenno & Co., of New York, announce the recent publication of a new work by Floyd B. Wilson, '71, entitled "Through Silence to Realization." Mr. Wilson is a member of the New York bar, and, according to the New York *Herald*, "made his first plunge into metaphysical literature a couple of years ago with a thoughtful work entitled 'Paths to Power.'"

Alvah B. Cooper, '67-'68, 71*l*, may be addressed at Nelson, B. C.

William B. Falconer, *p*'69-'70, formerly in the insurance business in Hamilton, Ohio, is now residing at 620 Nevin Ave., Sewickley, Pa.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

The class of '72 in all departments will hold its thirty-fifth anniversary reunion on Alumni Day, Wednesday, June 19, 1907.

Preparations are being made by the class of '72 for its reunion. Professor H. N. Chute of Ann Arbor is arranging for the entertainment of the class while in Ann Arbor. Louis H. Jennings, of Chicago, the class secretary, is writing to the members and arousing interest . All who are interested should address him

Frank Pierce, '68-'71, may be addressed at Sharpsville, Pa.

'73

'73. William M. Carrier, First National Bank Bldg., Flint, Mich., Secretary.

Regent Loyal E. Knappen, '73, has recently been appointed by President Roosevelt, Federal Judge for the Western District of Michigan to succeed his late friend and former partner, George P. Wanty. Regent Knappen was born at Hastings, Mich., Jan. 27, 1854. He attended the Hastings schools until he was fifteen years old, when he entered the University with the class of 1873. Soon after graduation he entered the law office of Hon. James A. Sweasey of Hastings, and was admitted to practice in August, 1875. In 1878 he formed a partnership with his brother, Charles M. Knappen, and five years later with Christopher H. Van Arman. He removed to Grand Rapids in 1888, where he became associated with William J. Stuart, now Judge of the Superior Court. The firm was known as Stuart, Knappen & Van Arman with offices at both Grand Rapids and Hastings. The latter office, however, was closed at Mr. Van Arman's death in 1890 and the firm was continued until 1893 as Stuart & Knappen, after which Regent Knappen became associated with Messrs. Taggart & Denison under the style of Taggart, Knappen & Denison. In 1889 Regent Knappen entered into a partnership with the late Judge Wanty, which was continued until his partner was elevated to the bench to which he is in turn appointed. Regent Knappen then associated himself with Jacob Kleinhans and the firm was known as Knappen & Kleinhans . After his son, Stuart E. Knappen, had been admitted to practice, he was taken into the firm which today is known as Knappen, Kleinhans & Knappen. Regent Knappen was one of the lawyers empolyed by the states in the celebrated case in the states over the constitutionality of the ad valorem tax law.

John D. Hartley, '73, has changed his address in Sacramento, Calif., from 2010 N St. to 501 K St.

Orlando B. Surface, *l*'71-'72, may be addressed at 1612 Shelby St.,Indianapolis, Ind.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

Lewis M. Estabrook, '75, is connected with the Gillilan Mining Co., with principal offices at Platteville, Wis. The mine, which is for zinc and lead, is situated ten miles southwest of Platteville.

Herbert L. Aulls, '71-'72, may be addressed at 1200 Brown St., El Paso, Tex.

William L. Snell, '75*l*, may be addressed at 301 Third St., Los Angeles, Calif.

Willis H. Graham, *p*'73-'74, may be addressed at 430 Main St., Zanesville, O.

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'76

'76. Alice Williams, Weedsport, N. Y., Secretary.

Edmund D. Barry, '76, is the junior member of the law firm of FitzGerald & Barry at Pasadena, Calif. His residence is at 229 S. Orange Grove Ave.

John E. Andrews, *p*'74-'75, may be addressed at Biddeford, Me., R. F. D. No. 4.

William McC. Johnston, *m*'74-'75, M.D. (Northwestern) '76, is warden of the Western Penitentiary of Pennsylvania, at Allegheny, Pa.

'77

The class of '77 in all departments will hold its third decennial reunion on Alumni Day, Wednesday, June 19, 1907.

The class of '77 expects to hold a rousing reunion All members who are interested should communicate with Henry M. Slauson, the class secretary at Ann Arbor, and let him know that they intend to be present. The sooner it is done the better.

Edward A. Halsey, '77, formerly at 301 Belden Ave., Chicago, may now be addressed at Battle Creek, Mich.

Jonathan S. Hudson, *l*'74-'75, is an attorney at law at North Industry, Ohio.

'79

Edward J. Bird, '75-'77, may be addressed at Ironton, Ohio.

Henry J. Cordier, '79*m*, formerly of Berkeley, Calif., is now living at Celina, Ohio.

Byron F. Dawson, '79*p*, '86*m*, may be addressed at San Luis Obispo, Calif., in care of Dawson Drug Co., 794 Higuera St.

'81

'81. Homer H. Kingsley, Evanston, Ill., Directory Editor.

Andrew J. C. Launier, '81*m*, received the degree of D. O. from the Los Angeles College of Osteopathy last June and is now practicing at 712 Westlake Ave., Los Angeles, Calif.

John B. Stone, *l*'79-'80, may be addressed at 1408 Charleston Ave., Mattoon, Ill.

Harry M. Daugherty, '81*l*, may be addressed at the Wyandotte, Columbus, Ohio.

Edwin A. Warren, '81*l*, may be addressed at Sturgis, Mich.

John C. Struble, '81*l*, formerly of Colorado Springs, Colorado, may now be addressed at Heyburn, Idaho.

Thomas B. E. Beall, '81*l*, '83*m*, may be addressed at 200 E. 5th Ave., Columbus, Ohio.

Joseph W. Wassall, '81*d*, M.D. (Univ. of Ill.) '84, may be addressed at Lake Forest, Ill.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907.

Louis H. Hyde, '82, has removed from Pipestone, Minn., to Joliet, Ill.

Mrs. Albert C. Titus, '78-'79, who will be better remembered by her classmates as Octavia J. Hill, is now living at Madison, Wis.

Albert B. Hale, '82, *h*'83-'84, M.D. (Chicago) '86, has removed from 103 State St., Chicago, to 515 E. 15th St., Indianapolis, Ind.

'83

Samuel C. Tuthill, '83, *m*'83-'84, is engaged in the laundry business at Elgin, Ill.

Lyman N. Graves, '79-'80, may be addressed at 3522 13th St., N. W., Washington, D. C.

Among the new faces in the United States Congress will be James C. McLaughlin, '78-'79, '83*l*, of Muskegon, who has just been elected from the Ninth District of Michigan. Mr. McLaughlin was born at Beardstown, Ill., Jan. 26, 1858 and came to Muskegon in December, 1864. He was graduated from the Muskegon High School in 1876, and then entered the Literary Department of the University of Michigan as a member of the class of 1882. He did not graduate however, but entered the Law Department from which he was graduated in 1883. He began the practice of law at Muskegon immediately after graduation and after one year formed a partnership with his father, the firm being D. & J. C. McLaughlin, until the death of the senior member in March, 1891. Mr. McLaughlin was elected Circuit Court Commissioner in 1884, and Prosecuting Attorney of Muskegon County in 1886 and in 1888. In 1901 he was appointed City Tax Commissioner and held this office until Nov. 1, 1905. He was nominated for Representative in Congress on September 5, 1906.

Maximilian E. Chapalay, '83*d*, may be addressed at 14 Boulevard des Tranchies, Geneva, Switzerland.

'84

'84. Mrs. Fred N. Scott, Ann Arbor, Secretary.

Elmer Dwiggins, '84, may be addressed at 502 Astor Theatre Bldg., New York City.

Francis L. Thomas, '80-'82, may be addressed at 531 W. Delaware Ave., Buffalo, N. Y.

Frank N. Lufkin, '84, LL.B. '86*l*, may be addressed at San Jose, Costa Rica.

William W. Johnson, '84*m*, formerly

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bookseller and publisher at Goshen, Ind., may now be addressed at 201 S. 4th St., Niles, Mich.

Woods Hutchinson, '84*m*, is now located at Arrowhead Springs, Calif.

William D. Guttery, '84*l*, is a practicing physician at Pilger, Neb.

William H. Vesey, '84*l*, may be addressed at the Exchange Bldg., Chicago, Ill.

Hugh Brown, '84, *l*'90-'91, has changed his address from Ann Arbor, to 377 E. Main St., Battle Creek, Mich.

'85

'85. John O. Reed, Ann Arbor, Secretary.

Robert F. Taggart, '85*d*, and wife are the proprietors of "The Ansonia," a winter hotel at St. Petersburg, Fla.

Alexander F. Lange, '85, Ph.D., '92, Dean of the college of letters at the University of California, has been made head of the department of pedagogy, in the place of Elmer E. Brown, '89, who has just been appointed United States Commissioner of Education by President Roosevelt.

Daniel W. Loney, '85*m*, may be addressed at Norwalk, Ohio.

Rev. Elmer O. Winnigh, *l*'82-'83, is now located at West Middlesex, Penn.

'87

The class of '87 in all departments will hold its twentieth reunion on Alumni Day, Wednesday, June 19, 1907.

Francis J. Woolley, '87, is practicing law in Chicago. His address is 84 LaSalle St.

Alphonso G. Newcomer, '87, A.M. '88, for the past ten years connected with the English department of Stanford University, has recently been placed at the head of the department, to succeed Professor Melville B. Anderson.

Ellis Arthur Hoover, '83-'85, may be reached at No. 520 Ashbury street, San Francisco, Calif. He is private secretary to Charles S. Fee, general traffic manager of the Southern Pacific Railway.

Frank H. Alfred, *l*'85-'86, is general manager of the Canadian White Co., Ltd., Montreal, Quebec.

Claud E. Taylor, *m*'84-'86, M.D. (Bellevue) '87, may be addressed at 221 S. Logan Ave., Denver, Colo.

Clarence J. B. Stephens, '87*d*, has removed from Great Falls, to Fort Benton, Mont.

'88

Elizabeth Matthews, *m*'85-'86, M.D. (Northwestern) '90, of Springfield, Ill., recently sailed from Vancouver, B. C., on a trip around the world. She expects to make the trip in about three months, reaching home in April.

James A. Lewis, '88*e*, C.E. '93, has changed his address from 119 Madison Ave., Elmira, N. Y., to 383 Third St., Brooklyn, N. Y.

'89

Clyde V. Nafe, '89, *l*'89-'90, formerly a lawyer and grain merchant at Danville, Ill., may now be addressed at 502 W. Boulevard, El Paso, Texas.

Ralph C. McAllaster, '85-'86, *l*'86-'87, is secretary and treasurer of the firm of Chapman Bros. & Co., manufacturers of school furniture and supplies, Seattle, Washington. He is deputy grand master of the Washington Grand Lodge of Masons and barring accidents will be grand master next year.

Herbert S. Crocker, '89*e*, may be addressed at Denver, Colo., 812 Majestic Bldg.

Robert M. Langille, *l*'87-'88, barrister, lives at Sydney, Nova Scotia.

Archibald S. Sands, '89*l*, has removed from Wilber, Nebr., to Pawhuska, Okla.

Miguel A. Velazquez, *d*'86-'88, may be addressed at Port Limon, Costa Rica, Box 114.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

William F. Edwards, '90, has removed from Mullen, Idaho, to Spokane, Wash.

Grace E. Harrah, '90, may be addressed at Holguin, Cuba.

Joseph K. Freitag, '90*e*, C.E. '94, is New England representative for the Hecla Iron Works. He has recently changed his address from Boston, Mass., to 118 N. 11th St., Brooklyn, N. Y.

William G. MacLachlan, '90*m*, may be addressed at McFarland, Wis.

John D. Hare, '90*m*, may be addressed at McCook, Neb.

James F. Brooke, *l*'88-'89, A.B. and A.M. (Univ. of Pa.), is now an Episcopal missionary at Barnesville, Minn.

Archie E. Watson, '90*l*, may be addressed at 316 Security Bldg., St. Louis, Mo.

David R. Anderson, '90*l*, is now in Joliet, Ill. Address, 609 Western Ave.

Charles B. Rogers, *l*'88-'89, formerly of Shoals, Ind., is now practicing law at Vinita, Okla.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.

Robert S. Donaldson, '87-'88, may be addressed at Marquette, Mich.

Leopold G. Rothschild, '91*l*, is now collector of customs, Indianapolis, Ind.

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Walter R. Dedrick, '91*l*, is now pursuing his profession at Greeley, Colo.

John R. Newcomer, '91*l*, was elected Municipal Court Judge of the city of Chicago in the November election. Mr. Newcomer had been Assistant State's Attorney for Cook County for seven years.

George Irving, '91*l*, is United States attorney for Division No. 1, District of Alaska and has been stationed at Ketchikan, Alaska for several years.

Alexander S. Sutherland, '91*l*, of Muskegon, Mich., has recently been appointed Circuit Court Commissioner.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

Harry C. Reiner, '88-'90, may be addressed at Ferguson, Mo.

Frank C. Hecker, '88-'89, may be addresesed at Century, Escanaba Co., Fla.

Lucien S. Taylor, '92, may be addressed at San Dimas, Calif.

Mrs. Frederick T. Boles, who will be remembered as Miss Nettie C. Hinman, '88-'89, may now be addressed at 201 S. Ashland Ave., La Grange, Ill.

Fanny E. Barnett, '92, may now be addressed at 2750 14th St., N. W., Washington, D. C.

Newton D. Mereness, '92, A.M. '94, formerly of Sharon, Wis., has removed to Bridgeport, Conn.

Charles T. Griffin, '88-'90, *l*'90-'91, is now located in New York City. Address, 60 Wall St.

Harry M. Ticknor, '92*l*, formerly of Jacksonville, Ill., may now be addressed at Shawnee, Okla.

Will A. Koon, '92*l*, has his office in the Minnesota Loan & Trust Bldg., Minneanolis, Minn.

Frederick W. Hoebel, '92*l*, may be addressed at 408 Board of Trade, Kansas City, Mo.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Bernhard C. Hesse, '93, '99*p*, may be addressed at 90 William St., New York City.

Claribel R. Barnett, '93, assistant librarian in the U. S. Department of Agriculture Library, may be addressed at 2750 Fourteenth St., N. W., Washington, D. C.

Henry Henderson Denham, '93, is principal of the Syracuse Business High School of Syracuse, N. Y.

Edward Everett Taylor, '93, is superintendent of schools at Monrovia, Calif.

Frank A. Manny, '93, is spending a year in Europe studying productive labor as a factor in education, also expert methods of testing and evaluating school work (on the line of Dr. Sadler's English Reports) and the chain of schools which originated at Abbotsholme as a reaction to the old English public school that has spread over England, France, Germany and Switzerland. He writes of his trip through Italy with his wife and mother.

Mrs. Fern Beebe Drew, '93, may be addressed at 216 Sixth St., Pittsburg, Pa.

Frank H. Smith, '93, '95*l*, was elected to membership on the board of education of Muskegon, Mich., for this school year, '06-'07, to fill a vacancy caused by illness.

Juliette Sessions, '93, is teacher of history and civics in East High School, Columbus, Ohio.

Rev. Ernest J. Dennen, '93, formerly of Newport, R. I., is now residing at 80 So. Common St., Lynn, Mass.

Laura K. Sciurus, '89-'90, may be addressed at Nestor, Calif., R. F. D. No. 1.

Edward C. Winans, '93, M.D. (Illinois) '99, formerly of Benton Harbor, Mich., is practicing medicine in Chicago, Ill. Address, 103 State St.

John B. Smith, *l*'91-'02, has changed his address from Oakland, Calif., to 309 Church St., San Francisco, Calif.

Charles M. Dial, '93*l*, formerly of Tacoma, Wash., may now be addressed at the Bailey Bldg., Seattle, Wash.

Paul Woodworth, '93*l*, may now be addressed at Bad Axe, Mich., instead of White Pigeon, as formerly.

Joseph H. Van Tassel, '93*l*, formerly of Manistique, Mich., is now at Newberry, Mich.

Benjamin F. Scanlon, '93*l*, is now located in Seattle, Wash., 315 Empire Bldg.

Mack H. Osborn, '93*l*, now resides at Van Wert, Ohio.

William E. Mullen, '93*l*, formerly of Sheridan, Wyo., has removed to Cheyenne, Wyo., since assuming the office of Attorney General.

Charles P. Richardson, '93*l*, a dealer in lands and timber at Spokane, Wash., is now located at 501-502 Jamieson Blk.

Harry C. Lillie, '93*l*, has recently been reappointed Deputy Clerk of the Court of Appeals at Los Angeles, Calif. Address, Bullard Blk.

Jesse J. Knight, '93*l*, may be addressed at San Pedro, Calif.

Alonzo J. Falknor, '93*l*, is Assistant Attorney General of the state of Washington. He is practicing his profession at Olympia, Wash., where he is in partnership with Preston M. Troy, '93*l*, the firm name being Troy & Falknor.

James Grey, '93*d*, has removed from Caro, Mich., to Manton, Mich.

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Robert D. McBride, '93*d*, may be addressed at Dresden, Germany. Bürgerwiese 20.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Alvick A. Pearson, '94, is located at Pasadena, California, where he is connected with the Los Angeles Evening Express. He founded THE MICHIGAN ALUMNUS and conducted it during the first two years of tis existence. His Pasadena address is No. 1076 Chicopee street.

Frederick T. P. Waterhouse, '88-'90, '91-'94, is doing a commission and real estate business at Honolulu, Hawaiian Islands.

Delia S. Bailey, '94, (Mrs. Frank I. Cobb,) may be addressed at 28 Central Ave., St. George, Staten Island, N. Y.

Nellie E. Goldthwaite, '94, is at the Rockefeller Institute for Medical Research, 66th St., and Ave. A., New York City.

Mrs. Marian Strong Baker, '94, has changed her address from 526 Lovell St., Kalamazoo, Mich., to 1905 16th St., Washington, D. C.

Robert C. Stevens, '94, '95*e*, has resigned his position as chief engineer with the Atlas Engine Works at Indianapolis, and accepted a similar position with the Skinner Engine Company, at Erie, Pa.

Max H. Cutcheon, '90-'94, is now superintendent of the Wisconsin Traction, Light and Power Company. Address, Appleton, Wis.

Fannie M. Elliott, '94, has changed her address from Pontiac, Mich., to Holly Springs, Miss.

William L. Eikenberry, '94, is teaching in McKinley High School, St. Louis, Mo.

Sarah F. Russ, '90-'92, is teaching in Rye Seminary, Rye, N. J.

Eugene C. Woodruff, '94, M.S. '96, Ph.D. '00, is teaching electrical engineering in James Milligan University, Decatur, Ill.

Hattie M. Hodge, '90-'91, may be addressed at 77 Washington Ave., Detroit, Mich.

Gustavus A. Pfeifer, '90-'91, is now in St. Louis, Mo. His office address is 500 N. Commercial St.

Walter D. Peters, *l*'92-'93, may be addressed at Peoples' Saving Bank Bldg., Seattle, Wash.

Edward A. Hardt, *l*'92-'93, has removed from Chicago to Springfield, Ill., where he may be addressed in care of the State Board of Health.

Charles A. James, '94*l*, has removed from Augusta, Ill., to Carthage, Ill.

Gilbert W. Phelps, '94*l*, may be addressed at Pendleton, Ore.

George E. Hathaway, '94*d*, has removed from Chelsea, Mich., to 107 Cajon St., Redlands, Calif.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Frances E. Sabin, '95, A.M. '96, is at the head of the Latin Department of Oak Park High School, Oak Park, Ill Her address is 208 N. Scoville Ave.

A daughter, born Sept. 25, 1906, brightens the home of Frederic B. Richardson, '95. Congratulations will be received at 56 Monte Vista Ave., Oakland, Calif.

A. Gould White, '91-'94, has changed his address from Wellsville, Ohio, to Toronto, Ohio.

L. Lenore Conover, '95, teacher of botany in Detroit Central High School, may be addressed at 114 Marston Ave.

Mrs. O. E. Fischer, '95, who will be remembered as Irma Hadzsits, is now living at 507 Field Ave., Detroit, Mich.

George A. McCollum, '91-'92, lawyer, has changed his address in Chicago, Ill., to 7715 Lowe Ave.

George W. Peavy, '95, is now located at Santa Barbara, Calif., in charge of the United States Forest nurseries there and at Pasadena. He has just left for a tour of inspection ordered by the department, covering over eight thousand miles.

William Schaake, '95*e*, is in the employ of the British Westinghouse Electric Co., and may be addressed at Trafford Park, Manchester, Eng.

Charles A. Miner, '95*e*, may be addressed at 108 E. Lovitt Ave., Norfolk, Va.

Heman B. Leonard, '95*e*, is instructor in mathematics in the University of Oregon, and may be addressed at 659 Patterson St., Eugene, Ore.

Sara S. Smith, *m*'91-'93, is a microscopist. Her address is 134 Elmwood Ave., Buffalo, N. Y.

Clement F. Kimball, '93-'94, '95*l*, is now city solicitor at Council Bluffs, Ia.

'96

'96l. Ray G. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.
96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Emmet P. Updegraff, '92-'93, *l*'93-'94, is now located at Palisade, Okla.

Samuel H. Baer, '96, Ph.D. (Leipzig) '98, is now secretary and treasurer of the Blanke Baer Chemical Co., St. Louis, Mo. Address, 212 S. 7th St.

Lewis C. Sleeper, '96, may be addressed care of Wisconsin Central Railway, 701 Germania Bldg., Milwaukee, Wis.

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Lillian M. Bromley, '92-'93, is grade principal in Detroit Central High School, and may be addressed at 99 Prentiss Ave.

Florence M. Halleck, '96, Ph.M. '98, formerly teacher in the high school at Calumet, Mich., may now be addressed at 6221 Greenwood Ave., Chicago, Ill.

Christian P. Nelson, '96*m*, has changed his address from Westbrook, Minn., to 178 Evergreen Ave., Chicago, Ill.

Samuel H. Baer, '96, Ph.D. (Leipzig) '98, is secretary and treasurer of the Blanke-Baer Chemical Company, at St. Louis, Mo. His residence address is 4250 Lindell Blvd.

Frederick W. B. Coleman, '96, '99*l*, is traveling in the west and is now at Globe, Ariz. Communications sent in care of Silas B. Coleman, Detroit, Mich., will always be forwarded.

Frank P. Sadler, '96, '98*l*, was elected Municipal Court Judge of the city of Chicago in the November election.

L. Marie O'Meara, '96, is teaching at Marquette, Mich.

Joseph M. Adams, '96*l*, may now be addressed care of Div. "P," General Land Office, Washington, D. C., instead of care of Pension Bureau as formerly.

Robert T. Harris, *l*'92-'93, may be addressed care of Utah National Bank, Ogden, Utah.

John T. Harrington, '96*l*, may be addressed at Youngstown, Ohio, where he has an office in the Dollar Bank Bldg.

Charles E. McConkey, '96*l*, is now living at Grove City, Pa.

Bert E. Nussbaum, '96*l*, LL.M. '98, formerly at Lawton, Okla., is now at 1543 Seventh St., San Diego, Calif.

Edward M. Selby, '96*l*, has changed his address in Los Angeles, Calif., to 1159 W. 38th St.

Elbert F. Blakely, '96*l*, is prosecuting attorney of Lake County, Ohio. Address, Painesville, Ohio.

Roy J. Covert, '96*l*, has given up his position as credit man with Marshall Field & Company, Wholesale, Chicago, which position he has held for the past six years, to become cashier of one of the principal banks of Lewiston, Montana.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97L. William L. Hart, Alliance, Ohio, Directory Editor.

The class of '97 in all departments will hold its decennial reunion on Alumni Day, Wednesday, June 19, 1907.

The class of '97, literary and engineering departments, will celebrate its decennial anniversary on Alumni Day, June 19, this year. The two former reunions, seven and three years ago, have been very pleasant. All, especially members who expect to be present, are asked to write the secretary, at the address above, or the President, Shirley W. Smith, 117 E. Mt. Pleasant Ave., Mt. Airy, Philadelphia, stating that fact, and suggesting plans for the occasion. In Ann Arbor, Professors E. R. Sunderland and Evans Holbrook have been appointed a local hustling committee with power to add others to the committee, and Dr. H. M. Rich, and Messrs. Emmons & Humphrey the same for Detroit, and Messrs. Farnham and Chubb for Pittsburg.

Paul H. Vernor, '97, has severed his connection with Longmans Green & Co., and is now agent for Allyn and Bacon, with Indiana as his territory. He may be addressed in care of Allyn and Bacon, Chicago, Ill.

Grace Grieve Millard, '97, is teaching at Hillsdale College, Hillsdale, Michigan.

Orma F. Butler, '97, holds the Newberry fellowship in Ann Arbor, where she is working for a higher degree.

William Marshall, '97, formerly instructor in mathematics in the University of Michigan, is now studying abroad, where he may be addressed at 37 Karspüle Str., Göttingen.

Hambden Buel, '93-'95, has changed his address from Tuscaloosa, Ala., to 15 Williams St., New York City.

Frank Pattengill Knowlton, A.M. '97, is practicing medicine at Syracuse, N. Y. His address is 506 E. Genesee.

Llewellyn W. Oliver, '93-'95, (West Point) '99, now holds the rank of Captain and is stationed at West Point, N. Y.

Arthur F. Thayer, '93-'94, is now general foreman in the employ of the Missouri Pacific Ry., and resides at Nevada, Mo.

Mrs. Charles K. Carpenter (Annie Kimlin, '97) is now living in Aurora, Ill., where her husband has a charge.

Henry O. Severance, '97, who has been at the head of the accession room of the General Library of the University of Michigan, has resigned his position to take charge of the Library at the University of Missouri, Columbia, Mo.

George H. Putney, '97*m*, formerly of Missoula, Mont., may now be addressed at Culebra Hospital, Culebra, Canal Zone, Panama.

William H. Padley, '91-'93, '97*l*, formerly superintendent of schools at Davenport, Wash., is now at Reardan, Wash.

Roland S. Mitchell, '97*d*, *p*'93-'94, may be addressed at 222 Michigan St., Toledo, Ohio.

Arthur L. Green, *p*'95-'96, may be addressed care of Purdue University, Lafayette, Ind.

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'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

The first decennial reunion of the class of '98m. will be held on the Campus at Ann Arbor, Alumni Day, June, 1908.

William C. Hull, '94-'96, is temporarily supplying a pulpit in Chicago, Ill., and pursuing studies in the Divinity School of the University of Chicago.

Lois LeBaron Avery, '98, A.M. '02, is living with her parents at 1003 American avenue, Long Beach, Calif. She has been teaching in Colorado for several terms but has given up the work.

Howard C. Felver, '98, is now with the Arnold Engineering Company of Chicago, designing and estimating structural work. He resides at 308 S. Oak Park Ave., Oak Park, Ill.

Frederick H. Weng, '98, A.M. '00, may be addressed at 816 3rd Ave., Terre Haute, Ind.

Howard E. Enders, '98, is now instructor in zoölogy at Purdue University. For three years, '00-'03, he was professor of biology at Lebanon Valley College, Annville, Pa. For two years past he has been pursuing studies at Johns Hopkins University, receiving the degree of Ph.D. from that institution last June. He may be addressed at W. Lafayette, Ind.

William H. Hess, '98, formerly at Neodesha, Kans., may be addressed at Dewey, I. T.

Frank N. Savage, '98*e*, has changed his address in Chicago from 1377 N. Halstead, to 2483 Lakewood Ave.

Amos F. Everett, '98*e*, has changed his address from Macatawa, Mich., to Lansing, Mich.

Thomas S. Burr, '98*m*, may be addressed at Norris Arm, Newfoundland.

George H. Wilkes, '98*l*, has removed from Florence, Colo., to Muskogee, I. T.

Harvey F. Ake, '98*l*, is a member of the firm of Ake & Day, attorneys at law, at Canton, Ohio.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.

The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Alice J. Hickey, '99, has been teaching English and mathematics at Two Harbors, Minn., for several years.

Mary M. Ehrhorn, '99, may now be addressed at 35 Cleveland Ave., Far Rockaway, N. Y.

George E. Sherman, '95-'96, may be addressed at Ypsilanti, Mich.

Walter R. Weeks, '95-'96, may be addressed at 1 Rue Ambroise Thomas, Paris, France.

Louise R. Gibbs, '99, formerly teacher in the high school at Hinsdale, Ill., has removed to Prescott, Ariz.

Harry N. Hosick, '95-'96, has changed his address in Chicago to 1627 Clifton Ave.

Carl H. Ibershoff, '99, is now instructor in German at Cornell University, and resides at 408 University Ave., Ithaca, N. Y.

Laurence L. Driggs, '95-'98, *l*'99-'00, is still practicing in New York City, and resides at 80 Washington St. His business address is 41 Park Row.

Fenton L. Gilbert, '95-'99, may be addressed at 510 Wade Park Ave., Cleveland, Ohio.

John Noordewier, '99, has just returned from a five months' trip to Great Britain and the Continent, and has accepted a call to the Presbyterian church at La Moure, N. Dak.

Lelia M. Childs, '99, is spending the winter with her sister, Mrs. Gleason, at High Bridge, New Jersey.

Clifford G. Roe, '99, is now Assistant State's Attorney of Illinois. Address, 5700 Drexel Ave., or State's Attorney's Office, Criminal Court Bldg., Chicago.

Florence S. Hall, '99 ,may be addressed at 1541 Franklin Blvd., Chicago, Ill.

Charles T. Tryon, '95-'99, may be addressed in care of the Llano Copper Co., Estacion Llano, Sonora, Mex.

James G. McHenry, '99, *l*'99-'00, formerly of the State Board of Health is now living in the Pasadena Apts., Detroit, Mich . His business address is 402 Moffat Bldg.

Hugh H. Harris, '95-'96, finished his university course at Northwestern in 1904 and is now pastor of the Methodist Episcopal church at Gladstone, Mich.

George H. Gibson, '99*e*, is editor and proprietor of "Manufacturing," a magazine dealing with engineering economics, management, marketing, and advertising information of importance to engineers. Address, Tribune Bldg., New York City.

Bertrand F. Aldrich, '99*l*, may be addressed at 605 Tremont Bldg., Boston, Mass.

Myron E. Douglas, '99*l*, may be addressed at 58 East Oak Ave., Moorestown, N. J.

Adelbert M. Alderson, *l*'96-'98, has changed his address from Helena, Mont., to Livingston, Mont.

Lucerne A. Wittenmyer, '99*l*, whose former address was in the Parrott Bldg., may now be addressed at 1925 Bryant St., San Francisco.

Leo C. Tuck, '99*l*, has changed his address in San Francisco to 1700 Sutter St.

Samuel E. Boys, *l*'96-'97, is editor of the Weekly Chronicle, Plymouth, Ind.

Archibald C. Thompson, '99*d*, is prac-

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ticing dentistry at 603 Bush Blk., Port Huron, Mich.

Harry W. Sheldon, '99*d*, is now practicing at Llandudno, N. Wales. He may be addressed at 8 South Parade.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00*l*. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Jessie M. Robertson, '00, A.M. '01, is teaching Latin and German in Whittier High School, Whittier, Calif.

Karoline Kläger, '00, is an assistant in the Library of Congress, at Washington. She writes that the Washinigton Alumni Association is reorganizing.

Clara A. Curtiss, '00, is teaching at Athens, Pa.

Born, to Mr. and Mrs. Walter B. Scott, of Oak Grove, Mich., a son, Wesley, on Nov. 9, 1906. Mrs. Scott was Myrtle E. Lare, '00.

Mrs. Willis Hamel Wilcox (Cora J. Parkhurst, '00) has changed her address to East Strondsburg, Pa.

Born, to Mr. and Mrs. Alfred Hayes, Jr., 40 Morningside Drive, West, New York, a daughter, Christine McEwen, June 30, 1906.

Lettie J. Poe, '00, may be addressed at Ashland, Ohio.

Mrs. Albert Charles Phelps (Carolyn Lynd, '00) may be addressed at Cornell Heights, Ithaca, N. Y.

Ruby E. Richardson, '00, is teaching in the Central High School at Detroit. Her address is 147 Willis Ave. W.

Frances E. Clarke, '00, A.M. '06, is at the head of the English work in St. Margareta's School at Buffalo. Her address is 564 Franklin St.

Helen Rose Lang, '00, 22 The Blacherne, Indianapolis, Ind., spent the summer traveling in Europe.

Carrie Bliss Mowry, '00, is teaching at Saginaw, Mich. Her address is 516 Thompson St.

John T. Twohey, '96-'99, is an attorney and counsellor at law, with offices in the Bond Bldg., at Washington, D. C.

Mrs. Jessie Palmer Richardson, '00, has changed her address from Duluth, Minn., to 3300 Clinton Ave., Minneapolis, Minn.

Alonzo H. Raymond, '00, has changed his address from Camagüey, Cuba, to 123 Hancock Ave. E., Detroit, Mich.

Katherine M. Kellas, '00, is preceptress of the State Normal and Training School at Potsdam, N. Y.

Adelbert E. Lathers, '00, may be addressed at R. F. D. No. 2, Inkster, Mich.

Herbert W. Stoughton, '00*m*, is practicing medicine at Chateaugay, N. Y.

Born to Thomas R. Woodrow, '98, '00*l*, and Genevieve Derby Woodrow, '00, of Denver, Colorado, a daughter, on November 27th, 1906. Address, 2337 Ash St.

Orville J. Saville, '00*l*, has removed from his former address at Butte, Mont., and is now practicing law at Spokane, Wash. His office is at 410 Fernwell Blk.

Fulton Thompson, '00*l*, of Racine, Wis., was elected district attorney at the November election.

Elsa Schultz-Hopf, '00*d*, may be addressed at Esplanade 10, Hamburg, Ger.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01*m*. William H. Morley, Ann Arbor, Secretary.

Carroll L. Storey, '01, is now practicing medicine at Whitehall, Wis.

Mrs. Lesta Bookwalter Wright, '01, formerly at Matsquin, B. C., may now be addressed at Clayburn, B. C. A daughter, Alice Isabel, was born to Mr. and Mrs. Wright, July 12, 1906.

Lida B. Earhart, '01, may be addressed at 1230 Amsterdam Ave., New York City.

Maude E. Hudson, '01, may be addressed at 84 Brainard St., Detroit, Mich.

Leon J. Cole, '01, may be addressed at the Agricultural Experiment Station, Kingston, R. I.

Genevieve D. O'Neill, '01, A.M. '04, is assistant principal of the high school at Beresford, S. Dak.

John W. Slaughter, Ph.D. '01, is now a lecturer in the University of London. His address is 24 Buckingham St., Strand, London, W. C.

Ida M. Schaible, '01, is principal of Mt. Sterling High School, Mt. Sterling, Ill.

Edwin McGinnis, '01, is a practicing physician at Orland, Ill.

James M. Wetmore, '01*e*, formerly at Chaska, Minn., may now be addressed at 556 Jefferson Ave., Detroit, Mich.

Adrian S. Houck, '01*l*, is now located at Tulsa, Okla.

Frank W. Reed, '01*l*, formerly of Evart, Mich., is now located at Coeur D'Alene, Idaho.

Charles T. Venners, '01*l*, is now located at 44 Henry St., Detroit, Mich.

George O. Hilzinger, '01*l*, may be addressed at Nueva Casas Grande, Chihuahua, Mex.

Roy C. Megargel, '01*l*, has opened offices in the Hanover Bank Building, 5 Nassau St., New York City, for the purpose of conducting a general banking and brokerage business. The firm name is Megargel & Co., and their specialty is North-eastern Pennsylvania securities.

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'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.
The literary and engineering classes of 1902 will hold a reunion on the campus on Alumni Day of Commencement week, June, 1907.

The class of '02 in all departments will hold its first reunion on Alumni Day, Wednesday, June 19, 1907.

The circular letter, started October 13 to advertise the June reunion, had on January 7 thirty-five signers and had traveled through various cities from Boston to Fort Worth . It is everywhere hailed with the greatest enthusiasm and every signer has declared his intention to be present.

Owen J. Mink, '02, M.D. '04, who has been stationed at the United States Naval Hospital at Yokohama, may now be addressed in care of the Navy Department, Washington, D. C.

Ralph C. Nowland, '02, is engaged with the Tonopah Mining Co., Tonopah, Nev.

Rosa McDougall, '02, may be addressed at 5326 Pasadena Ave., Los Angeles, Calif.

Max E. Mueller, '02, is with the Astoria Light, Heat & Power Co., at Long Island City, N. Y.

Mabel A. Steward, A.M. '02, may be addressed at 560 Cass Ave., Detroit, Mich.

Ross T. Sanford, *e*'97-'98, '02, may be addressed at Midland, Mich., where he is superintendent of the bromide plant.

Thomas G. Mayhugh, '98-'02, may be addressed at the Worth Hotel, Fort Worth, Texas.

Meda Hess, *m*'89-'91, '00-'02, has been obliged to give up her work as medical missionary in Turkey, because of a Turkish edict refusing to allow women to take the medical examination. She spent seven years at Maresh, Turkey, and the last two at Hadjin, Turkey. Her address in this country will be given later in the ALUMNUS.

Wm. D. Shaw, *'02e*, has changed his address from Telluride, Colo., to 248 Fourth East St., Salt Lake City, Utah.

Born to Ray P. Jackson, '92-'94, '00-'01, *'02e*, and wife, a daughter, Roxa I. Jackson, June 27, 1906. Their address is 735 Wallace Ave., Wilkinsburg, Pa.

A daughter, Lucile Searle Frary, was born Sept. 19, 1906, to Burdett S. Frary, *'02m*, and wife, who was formerly Mary A. Searle of Washington, D. C. They may be addressed at 6243 Broadway, Cleveland, Ohio.

Harry S. McGee, *e*'96-'97, '97-'98, *'02m*, may be addressed at Globe, Ariz.

Kirk Hawkins, *'02l*, is now in partnership with Congressman C. W. Hamlin of Missouri, under the firm name of Hamlin & Hawkins, attorneys, 515-17 Baker Blk., Springfield, Mo.

Lawrence L. Lewis, *'02l*, is engaged in the active practice of law at Coeur D'Alene, Idaho.

Louis A. Feibel, *'02l*, has changed his address from Hillsboro, Ohio, to 631-641 N. High St., Columbus, Ohio.

William A. Riner, *'02l*, formerly of Denver, Colo., is now located in Cheyenne, Wyo.

James H. Adams, *'02l*, formerly of the firm of Wharton, Adams & Morgan, Omaha, Neb., is now practicing independently and will continue the business formerly managed by his partners. Address, Suite 818, N. Y. Life Bldg.

William F. Atterholt, *'02l*, is a member of the editorial force of The Laning Company, at Norwalk, Ohio.

John W. Titcomb, *'02l*, is practicing at Gloversville, N. Y. in partnership with E. A. Sutliff.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.
'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.
'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.
'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.
The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Caroline E. DeGreene, A.M. '03, is now teaching in the Friends Select School, Philadelphia, Pa., and also pursuing graduate studies in the University of Pennsylvania. Address, 140 N. 16th St.

Agnes E. Wells, '03, may be addressed at 8 Chester Terrace, Duluth, Minn

Howard S. Reed, '03, is connected with the Bureau of Soils, U. S. Department of Agriculture, Washington, D. C.

Earl F. Benson, '03, formerly principal of the high school at Norway, Mich., now holds the same position at Houghton, Mich.

Lillian E. Howard, '03, may be addressed at Sheldon, Ill., Box 173.

Hobart H. Willard, '03, A.M. '05, is taking graduate work in chemistry in Harvard University His address is 96 Prescott St., Cambridge, Mass.

Eva M. Myers, '03, may be addressed at 521 Olive St., Kansas City, Mo.

Margaret A. McGregory, '03, teacher of history in the Kalamazoo High School, spent the summer abroad and writes that she especially enjoyed her trip through England.

Carolyn M. Chubb, '03 (Mrs. Clarence D. Baker), who resided at Des Moines, Ia., during her six months married life,

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has returned to her old home at Coldwater, Mich., since the death of her husband.

Grace Smith, '03, is teaching Latin and English in Ferndale, Calif. Her home address, formerly Berkeley, Calif., is now R. F. D. No. 6, Box 9, Mexico, Mo.

Earle E. Clippinger, '03, A.M. '04, is teaching composition in the Indiana State Normal School, at Terre Haute, Ind.

Royal L. Melendy, '03, is resident director of the University of Cincinnati Settlement at 224 Liberty Street, Cincinnati, Ohio. Together with his wife, Mrs. Gertrude Thayer Melendy, and their little son Lauren Thayer, he is living in the neighborhood, at 813 Dayton street, where he hopes to make his home another center in the neighborhood's social life. Mr. Melendy is also editor of "The University Settlement Review," published by the University Settlement Association.

Carolina A. Supé, '03, is teaching German and history in the high school at Escanaba, Mich. Address, 806 Wells Ave.

Louise Schweitzer, '03, who is teaching physiography in the high school at Grand Rapids, spent six weeks last summer pursuing her subject at Chicago University. Her address is 385 Scribner St., Grand Rapids, Mich.

Martha Sargent, '03, teacher of mathematics in the East Side Central High School, Toledo, Ohio, lives at her home in Maumee, O., ten miles from Toledo.

John Alexander Ferguson, '03, '05*e*, has changed his address from Schenectady, N. Y., to 1318 Park Road, Washington, D. C. He is now assistant patent examiner in the United States Patent Office.

Helen Lee, '03, '05*m*, may be addressed at 140 N. 3rd St., San Jose, Calif.

Fred S. Parmenter, '03*e*, formerly at Ellenton, Fla., may now be addressed at 805 Spruce St., Philadelphia, Pa.

William A. Lafler, '03*e*, has changed his address from 3 Leonard Place, Albany, to Barge Canal Office, Rome, N. Y.

Ralph H. Morton, '03*e*, is temporarily located at 312 S. McClellan St., Spokane, Wash.

Louis A. Levison, '97-'99, '03*m*, is spending an indefinite period in Europe. He may be reached through his home address, 2254 Vermont Ave., Toledo, Ohio.

Charles L. Chambers, '03*m*, formerly at Brainerd, Minn., may now be addressed at Bismarck, N. Dak.

Eugene D. Perry, '03*l*, is practicing his profession at 217 Youngerman Blk., Des Moines, Iowa.

H. Fred Mercer, '03*l*, is practicing law at 608 Frick Bldg., Pittsburg, Pa.

Jesse L. Snapp, '03*l*, of Georgetown, Ill., expects to move to Tacoma, Wash., next February.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04*e*. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04*m*. Guy M. Dunning, Lansing, Mich., Secretary.
'04*l*. Charles D. Symonds, Powers, Mich.

Earl H. Frothingham, '04, M.S. (For.) '06, has changed his address from Halsey, Neb., to Forest Service, Washington, D. C., where he is at present assisting in the preparation for publication of a silvical manual of western trees, which will probably keep him in Washington for some months.

Allen S. Peck, '04-'05, Ph.B. (Union) '03, and Earle H. Clapp, '05, are also in the forestry service at Washington.

Antonia L. Freeman, '04, is teaching Latin and German in the high school at Dowagiac, Mich., and may be addressed at 405 Greene St.

Arthur F. Strome, '04, has changed his address from Negaunee, to 109 N. Emily St., Ludington, Mich.

Louise C. Nichols, '04, has changed her address from Ontario, Calif., to Box 136, Glendale, Calif.

Ernest M. Halliday, '04, '06*l*, is instructor in the Department of Oratory at the University of Illinois. He may be addressed at Urbana, 1103 W. Oregon St.

Edith A. Lewis, '04, has changed her address from Harlan, Iowa, to Gray Lock Manor, Belleville, N. J.

Zaidee B. Vosper, '04, is teaching English in the high school at Bessemer, Mich.

Marion Hubbard, '04, has spent six months in France studying the French language. She may now be addressed at the Keewenau Club, Houghton, Mich.

Valreen C. Campbell, '04*e*, has changed his address from Lincoln, Neb., to Bingham Flats, Flat 2, 716 John St., Cincinnati, Ohio.

Birtram W. Ranson, '04*e*, may be addressed at 161 Devonshire St., Boston, Mass.

Charles A. Waring, '04*e*, is chief draftsman for the Craig Toledo Motor Company. Their factory is located temporarily at Dundee, Mich.

Rolland S. Hall, '04*e*, is employed on the Strawberry Valley Project, in connection with the United States Reclamation Service and may be addressed at Salt Lake City, Utah. Box 1608.

Arthur C. Green, '04*e*, is now engineer in charge for the Balbach Smelting and Refining Company, Newark, N. J.

Myron G. Doll, '04*e*, is now with the Sullivan Machinery Company, at Denver, Colo. Address, 1748 Broadway.

Earl A. Forkner, '04*e*, may be addressed

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at 233 W. 128th St., New York City.

Bernard E. Stoutemyer, '04*l*, is in the legal department of the Government Reclamation Service, at Carlsbad, New Mex. He has recently changed his address from Boise, Idaho.

David A. Badenoch, '00-'01, '04*l*, has changed his address in Chicago from 282 Park Ave., to 1543 Wilson Ave.

Morris J. Robinson, '04*l*, may be addressed at 273 Claremont Ave., Chicago, Ill.

Frank B. Hannum, '04*l*, may be addressed at Olympia, Wash. Box 692.

Cornelius Hoffius, '04*l*, announces the removal of his office for the general practice of law to Suite 301, Houseman Bldg., Grand Rapids, Mich.

William C. Brown, '04*l*, is practicing at 206 Hollister Blk., Lansing, Mich.

'05

'05. G. William Barnum, Class Secretary, 170 Humboldt Blvd.
'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.
'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.

All members of the class of '05 are urged to write to the class Secretary, G. William Barnum, 170 Humboldt Blvd., Chicago, telling what kind of work they are doing and where they may be addressed. Such items will be published in THE ALUMNUS in order that all the members of the class may keep in touch with each other. It is impossible for the secretary to write first to all of you—in fact, he may not have answered all of your letters promptly—but it is easier for you to write several letters to him than for him to write to five hundred different people; and that is the membership of our class, including non-graduates.

John A. DeHollander, '05, is pursuing a theological course at New Brunswick Theological Seminary and also working for his master's degree in English at Columbia University. He may be addressed at Hertzog Hall, New Brunswick, N. J.

Elizabeth J. Stafford, '05, may be addressed at 1163 Champlain St., Detroit, Mich.

Elden V. James, '05, is principal of the High School at West Palm Beach, Fla.

Elvira L. Stark, '05, is teaching at Two Harbors, Minn.

Isabel H. Parnall, '05, formerly at Calumet, may now be addressed at 439 Van Buren St., Jackson, Mich.

Bessie E. Bowman, '05, may be addressed at 119 Sixth Ave. W., Duluth, Minn.

Charlotte S. Fowler, '05, has changed her address from Poughkeepsie, to 205 Whalley Ave., New Haven, Conn.

Alexander L. Trout, '05, may be addressed at 179 Nithsdale Road, Pollakshields, Glasgow, Scotland.

Ralph W. Bayley, '05, is principal of the high school at Rochelle, Ill.

Elizabeth M. Bush, '05, A.M. '06, is teaching in the High School at Alhambra, Calif.

Harry E. Hammond, '05, may be addressed at 5428 Lexington Ave., Chicago, Ill. He is employed in the cataloging department of Butler Bros., wholesale dealers in general merchandise.

Albert H. Montgomery, '05, may be addressed at 563 Orchard St., Chicago.

The engagement has been announced of Augustus M. Johnson, '05, of Chicago, and Miss Evangeline Hodgson of Detroit, Mich. Mr. Johnson is private secretary to W. Clyde Jones, state senator of the fifth Illinois district. His permanent address is 810-1000 Washington St., Chicago, but during the session of the general assembly he should be addressed at Springfield, Ill.

Adriaan Nagelvoort, '05, is with the Allegheny Ore and Iron Company, at Shenandoah, Va.

John L. Hunt, '05*e*, has changed his address from Morton Park, Ill., to Washington University, St. Louis, Mo.

Charles F. Peck, '05*e*, assistant in the engineering corps of the C. B. & Q. Ry., spent four weeks last summer in the pest house at Lincoln, Neb., under treatment for smallpox.

Charles E. Hayes, '05*e*, is resident engineer at Donnybrook, N. Dak., for the Great Northern Railway Company.

E. LeRoy Gemmill, '05*e*, formerly at Sharpsville, Pa., is in the drafting room of the Jones and Laughlin Steel Company. Address, 232 Jucunda St., Knoxville, Mt. Oliver Sta., Pittsburgh, Pa.

Ralph O. Gooding, '05*e*, has changed his address from Riverside, Ill., to Morton Park, Ill.

Henry G. Watson, '05*e*, has been in the employ of the state of Wyoming as an engineer on irrigation work for the past year and a half.

Albert L. Gayer, '05*e*, who has been with the Western Electric Company since graduation has recently changed to the engineering department of the C., D. & P. Telephone Company, Pittsburgh, Pa. Address, 800 Sherman Ave., Allegheny, Pa.

Reginald H. Towler, '05*e*, with the Great Lakes Engineering Works, may be addressed at 444 Vinewood Ave., Detroit, Mich.

William Kletzer, '05*e*, has changed his address from Beloit, Wis., to 711 Fifth Ave., Spokane, Wash.

John A. Mason, '05*m*, is practicing medicine at 19 Early St., Chattanooga, Tenn.

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Frank T. McCormick, '05*m*, is practicing medicine in Detroit. His residence address is 232 Smith Ave.

Irving Carpenter, '05*l*, has entered upon the practice of the law at Norwalk, Ohio.

Leroy A. Manchester, '05*l*, is now located at Youngstown, Ohio, in the practice of law with the firm of Anel, Wilson and Harrington. The Dollar Savings & Trust Building.

L. Paul Buckley, '99-'02, '05*l*, may be addressed at Petoskey, Mich.

Earle L. Crossman, '05*l*, may be addressed at East Jordan, Mich.

Moses McElroy, '05*l*, is practicing in the firm of Rickabaugh and McElroy, 608-9 Bank of California Bldg., Tacoma, Wash.

Herbert L. Cox, '05*l*, formerly of Marshfield, Ore., is now practicing at Los Angeles, Calif.

Harry M. Rankin, '05*l*, is in partnership with C. N. Merrill, at Toledo, Ohio. Address, 836-8 The Spitzer.

Clarence J. Silber, '05*l*, has withdrawn from the firm Wheeler, Silber and Isaacs and has opened an office for the general practice of law in the First National Bank Bldg., Chicago, Ill.

Five of the six members of the class of 1905 law who are practicing in Los Angeles, Calif., found themselves congregated for a few minutes, in one of the rooms of the court house. They were H. Lee Cox, David F. Smith, Jesse Simmons, James L. Irwin, and Reuben S. Schmidt, all on independent business. At noon four of the five met again unexpectedly at lunch.

'06

'06e. Edward J. Creighton, Canadian Bridge Co., Walkerville, Ontario, Secretary.

Adeline M. Smith, '06, is teaching English and history in the high school at Paw Paw, Mich.

Homer S. Sackett, '06, is doing timber-testing work for the United States Forest Service, in co-operation with the University of Washington, at Seattle, Wash.

John C. Shaw, '06, has changed his address from Ovid, Mich., to 106 Winder St., Detroit, Mich.

Hugh P. Allen, '06, may be addressed at 30 Lake Front Ave., East Cleveland, O.

Elizabeth N. Prall, '06, may be addressed care the Beacon House, Beacon, Mich.

Paul Dickey, '02-'03, is assistant stage manager for the Robert Edeson Company now touring the country in "Strongheart," besides carrying an important part in the play.

William H. Kempfer, '06, is in the United States Forest Service and at present is located in the state of Washington. His home address is Beaver Springs, Pa.

Arthur T. Hunt, '06*e*, has changed his address in Chicago from 3247 Vernon Ave. to 824 Belden Ave.

Irwin G. Chase, '06*e*, may be addressed at 21 Hartley Place, Bayonne, N. J.

Samuel C. Brandon, '06*e*, may be addressed care of the American Tool Co., at Highland Park, Ky.

Seth H. Ely, '06*e*, may be addressed at 230 Meadow Road, Rutherford, N. J.

George A. Parker, '06*e*, may be addressed at 1341 N. E. 82nd St., Cleveland, Ohio.

John F. Hincks, '06*m*, *p*'00-'01, may be addressed at 528 W. Eight St., Long Beach, Calif.

John H Pettis, '04, '06*m*, is located at West Branch, Mich.

Magnus G. Riebeling, '06*l*, has entered the law practice at Boise City, Idaho.

Frank W. Edwards, '06*l*, has begun practice at Kingsley, Iowa.

Herman F. Brede, '06*l*, may be addressed at 78 Frederick Ave., Detroit, Mich.

Anthony Lucas, '06*l*, has located at Calumet, Mich., for the practice of the law.

Edson B. Valentine, '97-'00, '06*l*, has changed his address from Ann Arbor to 234 Colfax Ave., Benton Harbor, Mich.

Hambden H. Partlow, '06*l*, may be addressed at Grand Ledge, Mich.

Carl J. Christian, '06*l*, is now with the Anaconda Copper Mining Co., legal department, Butte, Mont., and may be addressed at 616 Hennessy Bldg.

Lawrence B. Travers, '06*l*, may be addressed at 16 Prescott St., Cambridge, Mass. He is taking post-graduate work at Harvard.

Edward J. Hammer, '06*l*, is practicing in Hillsboro, Wis., with E. B. Harkin, '02*l* (Wisconsin), under the firm name Harkin & Hammer.

Samuel J. Sackett, '99-'00, '03*l*, has just opened up law offices in the Symes Bldg., at Denver, Colo., as a member of the firm of Melville, Sackett & Calvert. Henley A. Calvert is also a member of the '03 law class.

Francis Borrelli, '03*l*, is practicing law in Chicago, where he has specialized in the criminal law. He may be addressed at 412 Reaper Block. Notice of his marriage appears in another column.

William C. Elsacer, '07*d*, has located at Shepherd, Mich., to succeed Charles V. Smith.

Charles V. Smith, '06*d*, has sold out his practice in Shepherd, Mich., to accept a position with the "American Dentists," Bombay, India, and sailed Jan. 1, 1906, via London, thence across Europe and the Mediterranean to the Suez Canal. He expects to visit a sister, who is a missionary in India.

Alfred E. A. Mummery, '06*h*, has opened an office at Fenton, Mich.

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MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1892. Martha Florence Eddy, '92, to Alfred Hawes, at Chicago, Ill., Jan. 17, 1906. Address, Bakewell, Derbyshire, England.

1896. Mark Preston Olney, '96*l*, to Flora L. Clark, at Mena, Ark., May 17, 1906. Address, Mena, Ark.

1897. Achsa Margaret Blunt, '93-'95, B.S. (Columbia) '03, to George F. Robertson, B.S. (Univ. N. Dak.) '91, at Dunkirk, N. Y., Sept. 7, 1904. Address, Crystal City, Manitoba, Canada.

1897. Florine Maude Pratt, '93-'94, '95-'97, to Henry B. Cate, at Coldwater, Mich., Oct. 21, 1906. Address, 27 Church St., Coldwater, Mich.

1898. Standish Backus, '98, *l*'98-'99, to Lotta Estelle Boyer, at Detroit, Mich., Jan. 16, 1907. Address, 51 Ferry Ave., Detroit, Mich.

1899. Grace Belle Ward, '99, to Fred Harvey Hall, B.S. (Chicago) '98, Ph.D. (*ibid*) '02, at Jacksonville, Ill., June 9, 1904. Address Calhoun, S. C.

1902. Ida May Finley, '02, to Elmer Shumar, (Detroit College of Law) '95, at Battle Creek, Mich., Aug. 8, 1906. Address, Imlay City, Mich.

1902. John Walter Vaughan, '02, '04*m*, to Gertrude Heflinger, at Knoxville, Ill., Dec. 12, 1906. Address, Detroit, Mich.

1902. Jacob Howard Merton Wiest, '02, to Martha Hohly, at Toledo, Ohio, Dec. 12, 1906. Address, Vinewood Apts., Detroit, Mich.

1903. Francis Borrelli, '03*l*, to Brewster C. Scott, at Chicago, Aug. 29, 1906. Address, Chicago.

1904. Samuel Horner, '99-'00, '04*e*, to Grace May Zagelmeier, at Hastings, Mich., Oct. 25, 1906. Address, Reed City, Mich.

1905. Maurice William Seitz, '05*l*, to Ina Rae Smith, at Benton Harbor, Mich., Oct. 10, 1906. Address, Benton Harbor, Mich.

1906. Ward Eugene Collins, '06, '08*m*, to Ethel Lyle, at Paw Paw, Mich., Nov. 28, 1906. Address, Ann Arbor, Mich.

1906. Marcus Thompson Lothrop, '06*e*, to Gertrude Fay, at Chicopee Falls, Mass., Dec. 27, 1906. Address, Ann Arbor, Mich.

1906. Frank Benjamin Moody, M.S. (For.) '06, to Susan Payne Hathaway, '06*l*, at Louisville, Ky., Dec. 19, 1906. Address, Rhinelander, Wis.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

OFFICERS

William Addison Tolchard, Treasurer 1878-83, d. at San Francisco, Calif., Jan. 18, 1907, aged 69.

GRADUATES

Literary Department

1854. Henry Deming Bartholomew, A.B., d. at Lansing, Mich., Feb. 2, 1907, aged 75.

1855. Galucia Calvin Gibbs, A.B., A.M. '58, d. at Big Beaver, Mich., July 13, 1906, aged 76.

1882. Edgar John Adams, M.L., d. at Batavia, N. Y., Jan. 28, 1907, aged 52.

1882. Fred Betts, A.B., d. at Los Angeles, Calif., Dec. 6, 1906, aged 47.

1886. Mary Emily Holmes, A.M., Ph.D., '88, A.B., (Rockford Sem.) '82, d. at Rockford, Ill., Feb. 13, 1906, aged 55.

1894. Annie Mumford Wiley, A.B., (Mrs. Tom W. Bellhouse,) d. at Amherstburg, Ont., Jan. 23, 1907, aged 37. Buried at Detroit, Mich.

1897. May Morton Butler, B.S., d. at Butte, Mont., Jan. 3, 1907, aged 37. Buried at Grand Rapids, Mich.

1903. Earle Ingersoll Houston, A.B., d. at Morenci, Calif., Jan. 20, 1907, aged 26. Buried at Marshall, Mich.

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Medical Department

1853. William Fitch Hovey, d. at Bay City, Mich., Jan. 17, 1907, aged 72.
1864. Clark Leavitt, d. at Danville, Ill., Dec. 19, 1906, aged 73.
1868. Thomas Simpson Parr d. at Indianola, Iowa, Jan. 2, 1907, aged 65.
1869. Benjamin Franklin Crummer, M.D., (N. Y. Univ.) '74, d. at Omaha, Neb., Jan. 24, 1907, aged 58.
1870. Halsey Barnes Jenks, d. at Ypsilanti, Mich., Jan. 19, 1907, aged 64.
1876. Elbert Eugene Barnum d. at Pine City, Minn., Jan. 13, 1907, aged 55.
1879. Charles Everett Hebard d. at Hot Springs, Fla., Oct. 29, 1901, aged 43.
1880. Lovias Fillmore Ingersoll, B.S. (Mich. Agr. Coll.) '74, d. at Grand Junction, Colo., Dec. 8, 1906, aged 52.
1882. Benjamin Franklin Forrey d. at Bath, Ind., Dec. 26, 1906, aged 46.
1887. William Murray Johnston, A.B. (Univ. of New Brunswick) '80, d. at Los Angeles, Calif., Dec. 29, 1906, aged 43.

Law Department

1867. Ozro Barnes Gould d. at Minneapolis, Minn., Jan. 15, 1907, aged 67. Buried at Winona, Minn.
1867. James Flenniken Hughes d. at Mattoon, Ill., Nov. 6, 1906, aged 67.
1869. Aaron F. Martin d. at Atchison, Kans., Feb. 18, 1905, aged 63.
1870. Amos Wolfe, A.B., (Wittenberg Coll.) '68, A.M. (*ibid*) '70, d. at Springfield, Ohio, Feb. 2, 1906, aged 64.
1873. Jacob Polk Winstead, B.S. (Miami Univ.) '69, d. at Circleville, Ohio, Jan. 30, 1907, aged 60.
1876. Charles Baker Wandelohr d. at Sherman, Texas, Jan. 6, 1907, aged 54.
1880. Isidore Sumner Burnstine d. at Yonkers, N. Y., Jan. 8, 1907, aged 47. Buried at Detroit, Mich.
1886. George Andrew Callinan Brady d. at Portland, Ore., Aug. 7, 1905, aged 45.
1890. John Franklin Buckner d. at Vienna, Ill., Oct. 3, 1905, aged 43.
1903. Don Elkin Harris d. in Chicago, Ill., May 5, 1906, aged 25.

Dental College

1902. Frederick Louis Herrmann d. at Ann Arbor, Jan. 4, 1907, aged 28.

HONORARY

1897. Robert Herbert Story, LL.D., D.D. (Edinburgh), LL.D. (St. Andrews) 1900, ViceChancellor and Principal of the University of Glasgow, d. in Glasgow, Scotland, Jan. 13, 1907, aged 72.
1901. Frederick Stearns, A.M., d. at Savannah, Ga., Jan. 13, 1907, aged 75. Buried at Detroit, Mich.

NON-GRADUATES

Agnes Elgiva Bird, *a*'04-'05, d. at Ann Arbor, Jan. 8, 1907, aged 30. Buried at Unadilla, Mich.
Silas DeWitt Chapin, *p*'72-'74, d. in Detroit, Mich., Jan. 8, 1907, aged 57. Buried at Pontiac, Mich.
Singleton Porter Cole, *p*'04-'07, d. at Ann Arbor, Jan. 9, 1907, aged 25.
Richard Payson Comfort, *m*'76-'77, M.D. (Columbus) '82, d. at Nashville, Mich., Jan. 28, 1907, aged 58.
William Clarke Cunningham, *l*'77-'78, *h*'87-'88, M.D. (Saginaw) '97, d. at Bay City, Mich., Dec. 5, 1906, aged 50.
Benjamin Franklin Davis, *m*'61-'62, M.D. (Starling) '63, d. at Tontogany, Ohio, Dec. 15, 1906, aged 70.
George Terry Fanning, *m*'74-'75, M.D. (Bellevue) '77, d. at Smithtown, N. Y., July 6, 1905, aged 54.
George Rutledge Gibson, *a*'70-'71, d. at Tuxedo Park, N. Y., Feb. 6, 1907, aged 54.
William Henry Graham, *m*'56-'57, d. in Detroit, Mich., Jan. 9, 1907, aged 74.
Noah Webster Gray, *a*'64-'65, d. at Marquette, Mich., Jan. 9, 1907, aged 60. Buried at Romeo, Mich.
Michael Hawes, '54-'55, M.D. (Starling) '56, d. at Claysville, Ohio, Jan. 7, 1907, aged 79.
Thomas Friend Mayham, *m*'58-'59, M.D. (N.W. Univ.) '69, d. at Fond du Lac, Wis., Jan. 22, 1907, aged 77.
Theodore Frelinghuysen Morris, *m*'53-'54, M.D. (Bellevue) '63, d. at Astoria, L. I., N. Y., Jan. 1, 1907, aged 75.
Lola Silence Paddock, *a*'89-'91, (Mrs. Victor N. Turpin,) d. at Coldwater, Mich., July 5, 1905, aged 36.
William Riley Payne, *a*'83-'84, *d*'82-'83, d. in Chicago, Ill., Jan. 26, 1907, aged 44. Buried at Canandaigua, Mich.
William Amos Pierce, *h*'77-'78, d. at Osceola, Ind., May 3, 1901, aged 47.
Gilbert Lester Rose, *m*'73-'74, M.D. (Cincinnati) '75, d. at Decatur, Mich., Jan. 5, 1907, aged 53.
John F. Shronts, *m*'65-'66, M.D. (Rush) '68, d. at Momence, Ill., Jan. 15, 1907, aged 59.
Byron Webster, *l*'68-'69, d. at Marshalltown, Iowa, Jan. 31, 1907, aged 60.
Samuel Edwin Wheat, *a*'77-'79, d. at Leavenworth, Kans., June 19, 1906, aged 47.

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OBITUARIES

MAY MORTON BUTLER

May Morton Butler was born in Montana in 1870. Early in life she moved to Grand Rapids, Mich., with her widowed mother and sisters, where here early years were spent. Later the family moved to Ann Arbor, where they lived during the education of the daughters. After Miss Butler finished her course at the University with the class of 1897, she took up teaching as her chosen profession, and followed it to the time of her death. She had expected, however, to leave it next June to be married. From 1897 to 1902 she taught in the high school at Riverside, Ill., going in the fall of the same year to a similar position at Ottumwa, Iowa. After a year's study at the University of West Virginia, she, accepted, in the fall of 1904, the position of science teacher in Butte, Mont., High School, which she held up to the day of her untimely death which occurred suddenly the morning of Thursday, Jan. 3. Her illness had developed so rapidly and its seriousness was not understood until so late that none of her family were present at the time of her death. One of the corps of high school teachers in Butte was chosen to accompany the remains to Chicago, where they were met by the family and taken to the old home in Grand Rapids for interment.

JAMES FLENNIKEN HUGHES

James Flenniken Hughes was born at Shreve, Wayne County, Ohio, Jan. 17, 1839, and grew to manhood there upon a farm, receiving a country school education. After two years' elementary education in the Academy at Fredericksburg, Ohio, and two terms teaching in the country school he enlisted at the outbreak of the war in the 16th Ohio Regiment. Upon his return to private life he entered the Law Department of the University of Michigan and was graduated in 1867. A short time afterward he opened up a law office at Sullivan, Ill., where, in addition to his practice at the bar, he was associated in the publication of the *Okaw Republican*. In 1869 he removed to Mattoon where he entered into partnership with Judge Henry of Shelbyville. In 1871 he entered into partnership with Judge Charles B. Steele, which was kept up until the latter's death in 1877. For the next eight years he practiced alone. In 1885 he was elected Circuit Judge, and continued on the bench until 1891 when he re-established his private practiee in Mattoon. In 1898 he was elected Judge of the City Court, which office he held for four years, and in 1902, at the close of his term as Judge of the City Court, he again took up his practice of the law where he continued until last May when he associated with himself Andrew L. Chezem. The firm at the time of his death was known as Hughes & Chezem. Judge Hughes was married to Julia Chrisman, of Paris, Ill., Sept. 17, 1874. To this union four children were born. He died Nov. 6, 1906, from a valvular lesion of the heart. His wife, three children, two sisters and one brother, survive him. Judge Hughes was universally respected and loved by the people of Mattoon. He was a quiet, unpretentious man, but a brilliant thinker, a wise counselor, and a trustworthy adviser. His remains lay in state at the M. E. church of Mattoon and resolutions of respect were passed by the Mattoon Bar Association.

JOHN C. MILES

John C. Miles was born Feb. 24, 1826, in Erie County, N. Y., in his father's pioneer cabin in the wilderness of Western New York. He moved to Michigan in the early "'60's," and settled at Quincy. He was graduated with the medical class of '64 at the University of Michigan. He immediately entered the Army as Assistant Surgeon of United States Volunteers and served until the close of the Civil War. He then returned to his native place, and with his sister as homekeeper, he lived for nearly forty years in the same pioneer cabin in which he was born. During this period he practiced medicine to some extent and was regarded as one of the best country surgeons in that vicinity. Neither he nor his sister were ever married; they both lived almost a hermit life. Dr. Miles was an inveterate reader and possessed a vast fund of knowledge, aside from his medical acquirements.

He died Aug. 20, 1894, in the same cabin where he was born, where he lived nearly all his life, built by his father more than eighty-five years before. He was aged 68 years, 5 months and 26 days.

JACOB POLK WINSTEAD

Jacob Polk Winstead was born Apr. 25, 1846, at Clearcreek, Fairfield County, Ohio. He was graduated from the University with the class of 1873 and immediately after graduation settled in Circleville, Ohio, where he has lived and practiced since. He was elected city solicitor in 1874, serving

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two terms, and from 1880 to 1885 he was prosecuting attorney. He was elected judge in 1889, serving two terms after which he resumed his practice. Judge Winstead attended the reunion of his class last June and his son, Charles Edward, is now attending the Literary Department at the University, a member of the class of 1907. Judge Winstead died Jan. 30, 1907, at his home at Circleville.

BOOK REVIEWS

The Alumnus reviews recently published works by alumni, former students, or members of the Faculty, and works directly relating to the University. Copies of such books, sent for review, are placed in the Alumni Library in the Alumni Room.

THE MYSTERY

"The best since Treasure Island." So say the publishers in their advertisement. The reader is likely to go so far with them as to make the suggested comparison—or rather, it makes itself. A picturesque pirate with a wooden arm (not leg), a schooner, a manless island, the quest (roughly speaking) of riches, the mutiny, to say nothing of the abandoned ship, the divided camp, the midnight eavesdropping on deck—take these, introduce radio-activity (there you throw R. L. S.) and you have the materials of your plot. These materials are combined, however, according to a formula quite different from that of Stevenson; as the title indicates, it is the unravelling of mystery. As in some of Poe's ingenious puzzles, we get our story backwards,—first the climax, then the events leading up to and explaining it. But if the plot is not new the characters are life-like; the one-armed pirate, indeed, is nearly as real as Long John himself, and much more realistic—if a landsman may judge a pirate.

The book is written in a readable style, and easily makes one forget its faults while he reads it. The illustrations are occasionally helpful to the reader's imagination. On the other hand, errors in typography are noticeable, though the letter-press on the whole is good.

Admirers of Mr. White's work will doubtless agree in liking him better when he works alone. C. B. M.

The Mystery. Stewart Edward White and Samuel Hopkins Adams. Cloth, 8vo., pp. 286. New York. McClure, Phillips & Co., 1907.

OVER 100 WAYS TO WORK ONE'S WAY THROUGH COLLEGE

This little book, full of helpful suggestions to those desiring to work their way through college, has been recently published by Selby A. Moran, '88, of the Ann Arbor School of Shorthand. A page approximately is given to each different pursuit possible to the impecunious student. By way of variety and in addition to the ordinary methods such as waiting on table, or acting as steward in a boarding club, selling various articles such as breakfast foods, books, subscriptions, etc., are the experiences of a young woman who paid for her college work by millinery work; another who kept a kindergarten school; a young man who conducted a newspaper agency; another who acted as motorman on a street car; one who collected orders for bookbinders in large towns; another who peeled potatoes; and another who made rubber stamps, seals, etc. In fact, almost every item is valuable and the book as a whole should give many suggestions to those who are looking for them.

The book is completed by an appendix giving letters from many college presidents together with their portraits.

Over 100 Ways to Work One's Way Through College. Selby A. Moran, Ann Arbor, Mich. The University Press, 1906. iv+171 pp.

VIOLIN TONE-PECULIARITIES

The author, an old University of Michigan graduate, has devoted many years to the study of violin building, and has grappled with many of the problems of the art. He has cast his results in the form of lectures to an imaginary class, and has expressed his views with great clearness, and with absolute conviction of their accuracy. It is refreshing to find a man who has had the patience and perseverance to conduct such a series of careful experiments as underlie the conclusions of the author.

To analyze thoroughly these conclusions—involving methods for curing all the ills to which the violin is subject—is a task for an expert in violin construction. Dr. Castle's enthusiasm and his love for this noble instrument are in evidence on every page, and lovers of the violin are indebted to the author for a most readable contribution to violin literature.

Violin Tone-Peculiarities. Frederick Castle, M.D. '69. Lowell, Ind. 307 pp.

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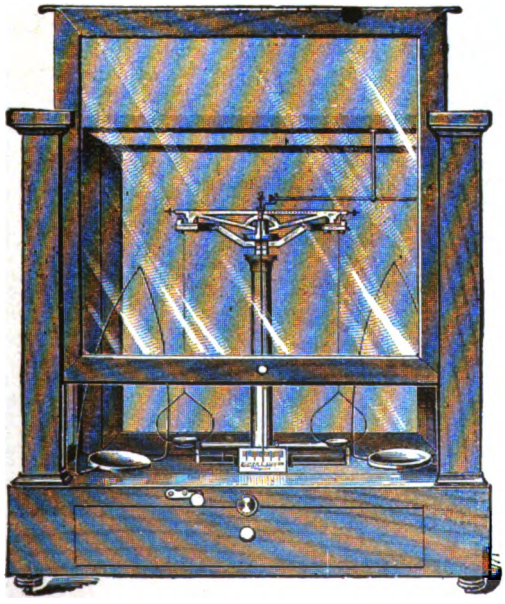

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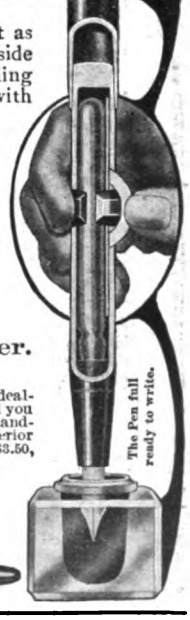

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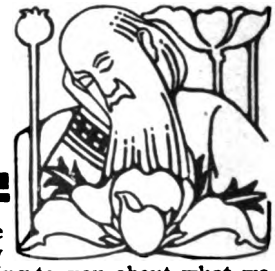

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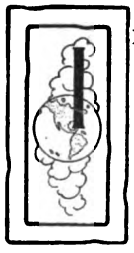

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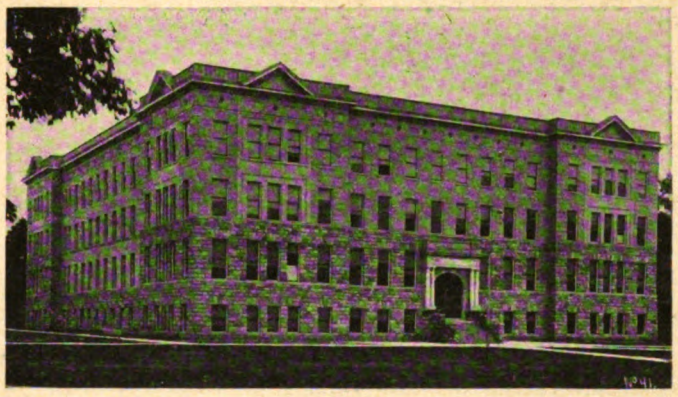

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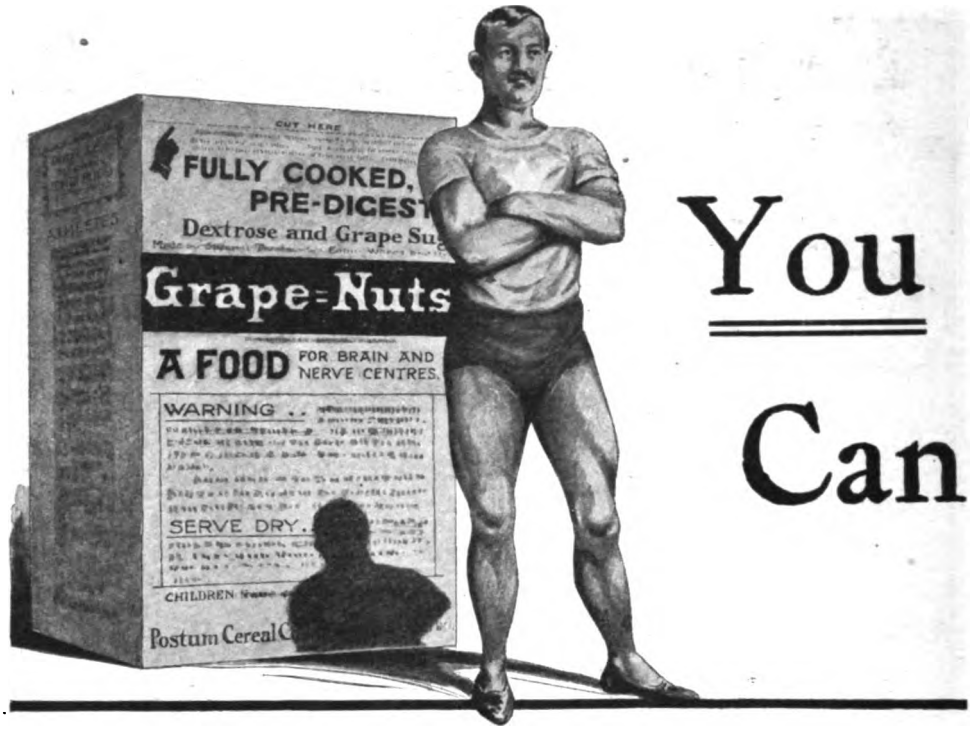

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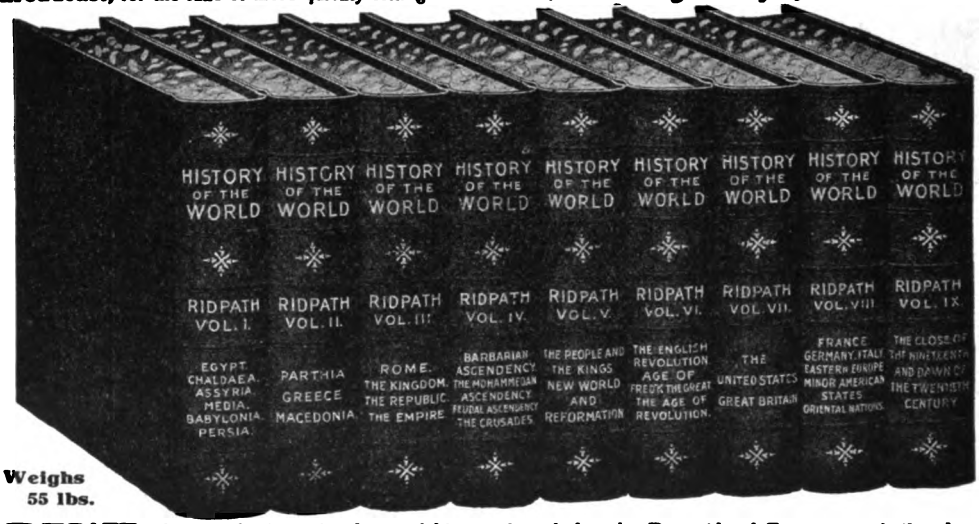
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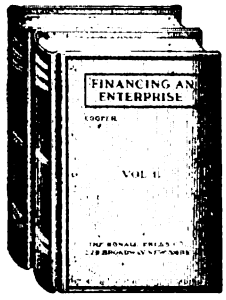

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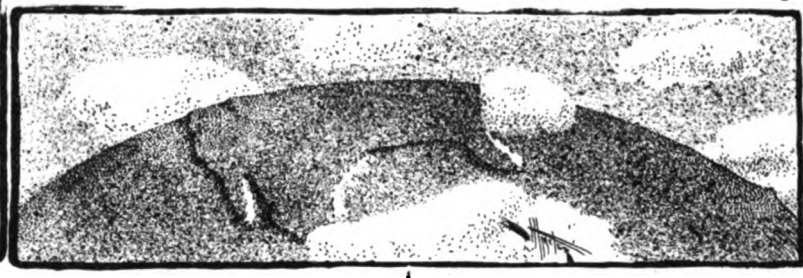

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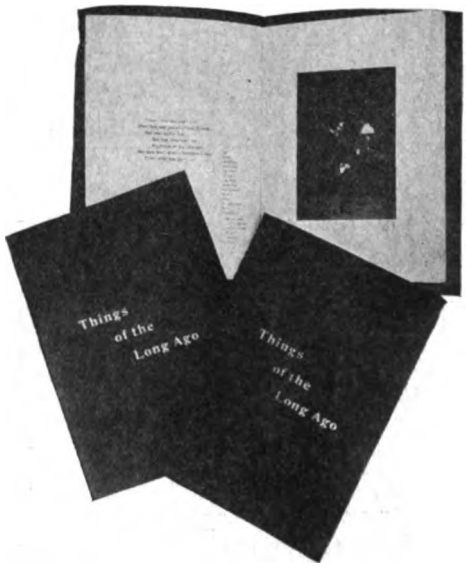

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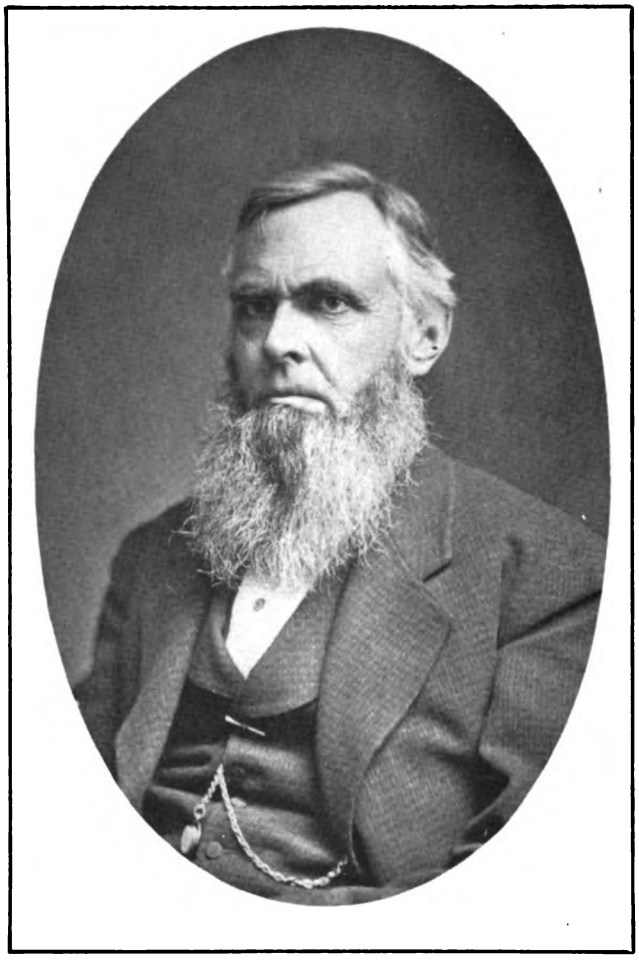

MICHIGAN PORTRAITS—VIII
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THE MICHIGAN ALUMNUS

VOL. XIII MARCH, 1907 No. 122

EVENT AND COMMENT

NO WITHDRAWAL

By the failure of the Regents at their meeting of the 21st to come to a decisive vote as regards the question of withdrawal from the Western Conference, the tenseness of the general situation was somewhat relieved. The action assured the ultimate control of athletics to the Senate, and the Board of Control became free to act upon the question. This conclusion of the matter, of course, was not pleasing to everyone, especially to a large party in the student body. But the Board, at a meeting which promises to become memorable, held March 7, finally solved the question by passing the following resolutions:

Resolved: That it is the sense of this Board that Michigan should not withdraw from the Conference, at least at present.

Second: That as this Board has on all occasions, when the matter was under discussion, favored the repeal of the retroactive features of the three-year rule and has also favored the changing of the maximum number of football games to seven instead of five; therefore it authorizes games with non-conference colleges during the present calendar year under the Conference rules with the exception of the two above referred to. Resolved further: That the substance of this resolution be communicated to the members of the Conference with a statement of the reasons therefor. This motion was adopted.

Resolved: That while quite in sympathy with the general intent and spirit of the proposed agreement among the four colleges; Chicago, Wisconsin, Minnesota and Michigan, this Board does not now consider it feasible for Michigan to join in the schedule proposed.

At one stroke a pathway was cleared and the expressions of satisfaction were well-nigh unanimous from all parties. The students had felt the force of the arguments against withdrawal, but these were overborne in their minds by the weight of the injustice done our athletic interests, through the failure to repeal the retroactive clause and, in a lesser degree, the five game schedule. When these matters were settled the undergraduate anxiety was set at ease. Those who opposed withdrawal, on broader grounds, were also satisfied by this measure, inasmuch as they regarded it as of supreme importance to remain within the Conference and advocated therefore a *laissez-faire* policy, although they acknowledged that there was some substantial justice in the students' attitude. ¶ The question is still before us however, as to the reception of this action by the other colleges composing the Conference. Already at this writing some disquieting rumors have been heard. We are inclined to believe however, that this action was not taken without some definite knowledge as to how it would be received by the higher powers in the Conference Colleges. There are also hints that the Conference itself may eventually reconsider, to some purpose, the repeal of the retroactive clause, and even the five-game schedule.

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HISTORY

As stated in the last number of THE ALUMNUS the agitation for withdrawal was taken up actively by the students interested in the question immediately after it was seen how seriously Michigan would be affected by the failure of the Conference to repeal the retroactive clause. We venture to review the question from the first, and to bring it up to date now that it is practically settled, for the sake of many alumni who are interested in the truth of the matter. ¶ The action of the Conference, or rather lack of action at their Holiday session, in the matter of the retroactive clause can be taken to be the real and tangible cause for the present agitation. Michigan had opposed this measure from the first and has always advocated its repeal, but so far to no avail. Immediately upon receipt of the news of the failure of the last Conference to act in the matter, the Student Council drew up a petition to be presented to the Senate of the University, giving the undergraduate reasons for withdrawal from the Western Conference. Although not considered by the Senate until Feb. 19 at its first meeting, these resolutions were published in the *Daily* of Jan. 17. ¶ Meanwhile, a 'propaganda for withdrawal was carried on vigorously by a party of students and alumni. The attention of the Regents was called to the question in many different ways, and while they refused to take definite action at their meeting of Jan. 18, the opinion of the individual members in favor of withdrawal was expressed, in some cases very forcibly. They even recommended withdrawal to the Board of Control. The latter body, however, refused to take action under these circumstances, and at its first meeting on Jan. 25, referred the matter back to the University Senate. The question had really become involved with a more serious one, viz., whether the Senate or the Board of Regents were to have actual control in questions of athletic policy and, by inference, others of a like nature. In the eyes of the Faculty and many friends of the University the question was one of the most serious which had arisen for many years. Here matters rested for some time. The Senate, feeling that it was not time to act, failed to meet. The Board of Control had already refused to take action without warrant from the Senate and the examination period put into eclipse student activity. ¶ At the opening of the second semester the question gradually assumed shape again until at the Senate meeting of Feb. 19, the following resolution was passed:

Resolved; That this body, while recognizing the plenary power and ultimate authority of the Board of Regents, express the hope that the Regents will deem it wise to leave the regulation of student athletics with the Senate or its representatives;

That as regards the universal question now under discussion this body has confidence and hereby expresses its confidence in the judgment of the Board in Control of Athletics.

The Board of Regents met for a discussion of this matter the morning of Feb. 22, when the following resolution was presented by Regent Fletcher:

Resolved; That in the opinion of this Board the best interests of the University require that this institution withdrew from what is known as the Chicago Conference Association, an incorporated association composed of representatives from each of the Boards of Control of nine of the western universities.

At the same time the resolution of the University Senate was submitted. ¶ After much discussion the resolution failed to pass by a tie vote. The paramount influence of the Faculty as vested in the Board of Control, was assured. The students, however, refused to let the matter rest and immediately set to work to petition the Board of Control, giving as their reason the belief that the Regents had

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been led to suppose, on insufficient warrant, that the student body was far from unanimous in favor of withdrawal. That this fact nevertheless was true a counter set of resolutions evinced, which, while not expressing the opinion of the signers as to the advisibility of withdrawal, asked for more definite information upon the subject at hand, so as to enable those who signed the petition to do so with a full knowledge of the facts. A strong current of conservative student sentiment set in, which promised eventually to modify materially the hitherto almost unanimous demand for withdrawal. In the event this was made unnecessary by the action of the Board of Control as outlined above.

CO-EDUCATION

Co-education and the position of women in University life was the principal subject of editorial remark in a recent "woman's number" of our clever undergraduate contemporary, *The Inlander*. From the tenor of the writer's thoughts one is inclined to suspect that the sphere of feminine influence did not extend quite into the sanctum. There seems to be an aloofness, an *ex parte* attitude which, according to his own reasoning, bespeak a masculine mind. This subject, however, cannot help but be one of great interest,—to Michigan readers certainly—and THE ALUMNUS feels that there is much room for further discussion. Let it be said immediately that we do not contemplate discussing the desirability of co-education; rather is this to be a confessedly inadequate view of existing conditions. We are sure that we do the better half of creation no injustice if we say it is at least many-sided. ¶ *The Inlander* questions whether co-education "works out in accordane with its broadest meaning—like opportunities for men and women in every sphere of college life." The question seems to be one on which every man or woman who has been at Michigan or any other co-educational institution can and usually does have varied opinions. To THE ALUMNUS there seems to be a flaw in the fundamental question as laid down here. It is almost a physical one. The women do not expect "like opportunities" for men and women, in some of the aspects presented for consideration, as, for instance, in athletics, in oratory and debate, in certain college publications, and social activities. The essential part is that the University curriculum, as offered to the women of the University, is the same as is offered to the men with the resulting assumed advantage for both sexes, of recitation and work together. ¶ It may have been the ideal at one time, before co-education was advanced beyond the experimental stage, that college life should be lived as much as possible together; that is, that all activities, barring athletics perhaps, should be pursued equally by both sexes. It really was a very pretty theory. Whether consciously, or not, however, we have drifted away from it at Michigan.

WOMAN'S PLACE AT MICHIGAN

In the tendency, which we believe has been growing of late, toward a separate college life as distinct from class work may lie the future effectiveness of co-educational institutions. The life of the women at Michigan of late years has become wonderfully well developed, and the Woman's League, as an organization, promises increasing competence to handle the problem of co-education. ¶ The women are making activities for themselves. For a long time, lacking the exact qualifications to enter into the fields inevitably occupied by the men of the University, except in sporadic cases,

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the women of the University were accustomed to withdraw within themselves and take no part in University life as a whole. This attitude has not entirely died out yet. But since the opening of Barbour Gymnasium and the growth of the Woman's League into greater effectiveness, "the training of the executive faculty, energy, and perseverance in active endeavor, the ability to make things go" which *The Inlander* suggests that Michigan women are losing, seems on the contrary to be falling more and more in their way. In some branches we suspect she is even better trained than the majority of her brothers. She has been a pioneer in a certain branch of the drama in which Michigan for many years has been noticeably weak. The social life which centers in Barbour Gymnasium has no exact counterpart in the life of Michigan men and doubtless will not until the Michigan Union clubhouse is built. The women of the University have also entered athletic activities, although, as our esteemed contemporary points out, they lack the incentive furnished the men by the block M as a mark of signal prowess. ¶ We agree entirely with the undergraduate view, however, that the women are not getting out of college life all that they might. They have, to their own detriment, small part in college journalism, though in college dramatics they do yeoman service, as well as in such organizations as the Deutscher Verein and the Cercle Francais. In class administration, we must also acknowledge, their part is small; although the experience which they lose thus may come quite possibly through work in the Woman's League, which seems to be far more perfectly organized than any of the classes, at least in the Literary Department. ¶ We believe that the woman of now-a-days does not seek equality in every sphere of college life in the sense that she demands an equal share in every activity pursued by the men. It is possible that if such a condition of affairs existed it would be with disastrous results to the real effectiveness and originality of college life as a whole. The better way seems to be the one toward which we are drifting, perhaps by conscious intent, where the special mental qualifications and traits of either sex are recognized and provided for. Whether these differences are fundamental, or merely developed through long ages of activities differentiated for either sex, is a question for a psychologist. The point is, such a difference exists. Women, for instance, find a better field in certain work than in others, more adapted to the masculine point of view. If this fact be recognized clearly, and the adjustments made accordingly, the college work pursued in common should have beneficial results for both sexes, as maintained by the advocates of co-education.

CO-ECUCATION AND THE WOMAN'S COLLEGE

Inlander concludes that women are better off at a woman's college. For ourselves we confess that we are not quite so sure. We wonder if anybody *knows*. There are so many factors in the question. If we spoke on one side we might be favoring co-education, and that would not please some. In spite of the fact that some may regard it as a sort of *lese majesté* to intimate that there is even a doubt of the perfect success of co-education in the mind of anyone, there are occasionally faint sounds as from an opposition. On the other hand, if we were to take the other position we might be favoring the opponents of equal rights for women, and find ourselves in trouble with another section. That would, indeed, be a serious matter. ¶ To us the whole question of the co-educational school versus the women's college seems to be made up

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of several ingredients which vary with the individual. The kind of education desired, natural inclination, and the depth of the supporting pocketbook all have a great deal to say in the matter. For certain young women, and for certain lines of work, one college might be considered more favorable. The curriculum, as at Michigan for instance, is chosen largely for men, in spite of the fact that some courses are strongly tinged by the predominance of the gentler sex. A woman on the whole, we believe, will probably obtain a broader, more competent *working* education at a co-educational school. That may well be just what she desires. On the other hand she will miss at the woman's college, probably to her advantage, the rougher masculine side of co-educational life, although the training there may not fit her as well for the world of affairs. This in turn, however, may not be entirely a calamity. There are some men old-fashioned enough to believe that women have no particular mission to the business world, anyway. The proportion of Michigan women, however, who enter the teacher's field as well as the recognized demand for teachers with Michigan certificates, shows that the special advantages of the co-educational school are not in many cases wasted. But there are some women who do not wish to become members of the professional, business, or pedagogic world. It is just possible that such as these may find the atmosphere of a woman's college more congenial. It is after all for them to say.

SOME ESPECIAL HONORS

Rather inconspicuous, we fear, were the items published in the last number of THE ALUMNUS giving notice of especial honors conferred upon Michigan men during the recent holiday meetings of the various learned societies. The selection of Professor Fred N. Scott to the presidency of the Modern Language Association deserves certainly more than passing notice. It is one of the highest honors conferred in the American academic world. As its name implies this association is a union of the teachers and *savants* in the whole field of modern languages, and is perhaps the largest and most effectively organized of all the learned societies. It is composed of two sections, one in the East and one in the West which hold separate meetings, except every fourth year when they meet in joint session. At these meetings the different languages are, however, considered in separate sections. The last general session was held in Ann Arbor three years ago,—another is to be held at some place in the middle west this coming year. Professor Scott is to be greatly congratulated, especially since he is to be numbered among the younger men in the ranks of teachers of English and rhetoric. While he is perhaps best known to us as a teacher, his reputation in the country at large, rests naturally more upon his work as a scholar in his chosen branch, upon the contributions which he has made to advanced thought upon his subject, and upon the prominent part he has played in the introduction of new pedagogic methods. During the present academic year he has been studying abroad with leave of absence from the University. ¶At the meeting of the American Association for the Advancement of Science at Columbia University, during the Holidays, and at the joint meeting of the Philological Association and the Archaeological Institute of America held at Washington, two other Michigan men were especially honored. Dr. James Playfair McMurrich, Professor of Anatomy, was reëlected president of the American Society of Naturalists in recognition of the work he has

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accomplished as a teacher and for advanced research work at the University. At the Washington meeting Professor Francis W. Kelsey was made president of the American Philological Association in recognition of his services in that branch of knowledge. He was also retained as secretary to the Archaeological Institute of America. ¶ In addition to the recognition given to the work of these men the French Academy of Sciences has awarded to William J. Hussey, Professor of Astronomy, half of the Laland prize, which is awarded annually by the French Academy of Sciences to the person, or persons, who have made the most interesting observation, or written the best memoir, or accomplished the work most useful in the progress of astronomy. The prize was awarded to Professor Wm. J. Hussey and R. G. Aitken together for their important work in the Lick Observatory in double star observations, and investigations, and in satellite observations pertaining to them. The work was undertaken by Professor Hussey in 1899. He discovered however that Mr. Aitken had also conceived the same idea and that each had undertaken the work without the knowledge of the other. It was then decided to carry on the investigation together, and a division was made. The number of Professor Hussey's discoveries amounted to 1,340; and in addition to discovering these new double stars, measurements were made which when compared with future measurements will determine the motions of these systems.

GOVERNOR CUMMINS AND GOVERNOR HUGHES

Michigan was fortunate last month in listening within two days to speeches from the Governors of two states, Iowa and New York, on subjects of paramount interest to the student world. Altruism, individual responsibility, optimism for the future, and confidence in an awakened public conscience, were the keynote of both addresses. Governor Hughes spoke in University Hall before the students and Faculty of the Law Department on the afternoon of Feb. 22 at their annual celebration of Washington's birthday. The text of his magnificent address we hope to give next month. Governor Warner was also present. ¶ Two days before, Governor Cummins of Iowa appeared in the Students' Lecture Association course in an address upon "The University and the State." In opening his address Governor Cummins paid a tribute to Michigan in these words: "Your University, owing to the unparalleled ability of President Angell and the Faculty, has attained the highest point as yet known to state universities," but he also added that the University of his native state was following with giant strides, with the intention of outstripping Michigan if possible. Governor Cummins impressed upon his audience the need of a fighting, aggressive spirit in the conduct of national affairs, that we are at the University to learn not only how to fight, but what to fight. "The interest of the University is not selfish and personal," he said. "If you go out into the world to fight for yourself, you are as much a traitor as a soldier who takes up arms against the country which bore him." Governor Cummins deprecated the attitude of many people who believe that all the problems of government have been solved, that now is our opportunity to enjoy the fruit of our forefathers' efforts. The truth is that social questions have outstripped the governmental equipment necessary to deal with them, and men of intellect and courage are needed more than ever. Although he disclaimed being a disciple of Karl Marx, he did believe that the government must be something

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more than a mere policeman. ¶ Governor Cummins then sketched the condition of organized capital and labor which he believed were necessary and inevitable as long as they existed as between man and man. The unlawful means used by the one in competition, however, was responsible for corresponding lawlessness in the other. The remedy, he believed, lay not so much in legislation, but in the education of boys and girls in the direction of right living and acting. Individual efficiency has always been the dominant note of our public schools, but the time has come to write another,—that of good citizenship. This the speaker advocated as a definite part of the curriculum, not to be taught inferentially, as in history, political economy, but as a distinct and individual science of duty. In other words a school must teach definitely not only to care for self but to care for others. "At present, notwithstanding all our superiorities, we are in constant turmoil because the duty of man to his fellows never was more imperfectly understood or discharged. The unfortunate conditions as between capital and labor are perfectly natural and cannot be coped with effectively until we become interested in something more than ourselves. ¶ The great need of the present day is for enlightened consciences with enlightened minds as an incident, rather than enlightened minds with enlightened consciences as an incident. Altruism is fast becoming a fundamental maxim in governmental and social economy. We are recognizing that we are our brother's keeper. But it is difficult always to see the outlines of the question clearly and the moral side of our human nature needs to be nurtured and strengthened." Governor Cummins believes that this must be supplied in the formative stage and therefore he plead for changes to deal adequately with the new and intricate conditions.

THE FEBRUARY MEETING OF THE REGENTS

The Regents met in the Regents' Room in the Law Building in the afternoon of Feb. 21, 1907. All the members were present, President Angell being detained. Regent Barbour was appointed chairman pro tem.—It was moved that the tentative plans of the new Dental Building, prepared by Donaldson & Meier as presented, be adopted and that the architects be instructed to prepare detailed plans and specifications to be submitted at the next meeting of the Board.—The President arrived and took the chair and in the absence of Mr. Wade, acted as secretary.—It was voted that the Board request Professor James H. Brewster, now traveling in South America, to represent the University as opportunity offered itself.—It was voted to request the Dental Faculty to present, at the next meeting of the Board, a statement of what is needed in the way of new equipment and apparatus for the new building.—A communication was read from Secretary Wade advocating the addition of $50 to the salary of the janitors and teamsters owing to the fact that living expenses have become so high that it is impossible to live and support a family on $500. In accordance with this recommendation $50 was added to the salary of each of the janitors and teamsters who are under Mr. Reeve's direction.—On recommendation of the hospital committee of the Faculty of the Department of Medicine and Surgery, A. M. Barrett, M. D., was appointed Professor of Psychiatry and Diseases of the Nervous System, and was charged with the immediate care of the clinic of nervous diseases, without salary from the University.—It was also voted that a clinical Professor of Nervous Diseases should be appointed in the future at a salary of $2,000.—A list of the nominations for teachers in

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the summer school was presented by Professor John O. Reed, Dean of the Summer School, as well as the budget for the Summer School. This was adopted by vote of the Board.—It was decided by full vote of the Board that the engineering students who take work in the Summer School either elective or required studies shall pay an incidental fee of $15; this is exclusive of laboratory and camp fees. —The thanks of the Board were ordered returned to Professor John O. Reed for his services in preparing for the work of the Summer School.—The following communication from the Faculty of the Literary Department was presented:

"To the Honorable The Board of Regents.

Gentlemen: I have the honor to communicate to you the following resolution adopted by the Faculty of the Department of Literature, Science and the Arts at its meeting Feb. 11:

That students who desire to matriculate into the University in the Summer School and who have complied with all the requirements for admission be allowed to do so.

Respectfully submitted,
JOHN W. BRADSHAW, Registrar."

Action was taken in accordance with the above request.—It was voted that the balance of the deficit carried over from previous years in the account of the Homoeopathic Hospital, $5,218.-74, be stricken from the books.—The resignation of Augustus H. Roth, '02, '04*m*, demonstrator in ophthalmology and Gordon Berry, '06*m*, assistant, to take effect March 1 was accepted and George Slocum was appointed in the place of Dr. Roth at a salary at the rate of $500 per year and George H. McLellan in the place of Dr. Berry at the rate of $300 per year.—In accordance with the recommendation of the Faculty of the Department of Literature, Science and the Arts the degree of Bachelor of Arts was conferred upon the following: Richard Wilhelm Broecker, Gail Luke Carver, George Henry Fox, William Crozier Gould, Isla Helen Jones, John Frederick Preston, Reuben Schutz, Richard Hayman Tremper, Charles Alexander Vallance.—Floyd C. Dockery was appointed assistant in sociology for the remaining semester.—The sum of $350 was advanced by action of the Board toward the publication of the fourth volume in the Michigan Studies in the Humanistic Series. The volume is an illustrated work on an important class of Greek Vases and was written by Professor Arthur Fairbanks. Regent White having contributed $1,000 toward the publication of this volume, the thanks of the Board were returned to him by unanimous vote.—Charles A. Vallance, Charles E. Turner and Ivan F. Harlow were appointed assistants in mineralogy for the second semester. —Dean Cooley of the Engineering Department submitted a list of gifts to the Department of Engineering, for which the President was directed to return the thanks of the Board to the several donors.—Dean Cooley also requested permission to purchase two multiple stage air compressors working up to 25,000 pounds pressure, which he was led to believe might be purchased at a very reasonable price. The request was granted by full vote of the Board. Dean Cooley also called the attention of the Regents to the request of a number of professors and instructors to be permitted to install telephones in their offices in the Campus, the same to be paid for by them personally at the University rate. The request was laid upon the table for further consideration.—Mr. Koch, Librarian of the University, presented the following communication:

"To the Honorable the Board of Regents, University of Michigan.

Gentlemen: One of the stained glass windows presented to the University last September is about thirteen inches shorter than the other three windows and in order to lengthen it and so utiilze it for the apse of the Library I have designed a memorial tablet reading:

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CASCADE GLEN

A FAVORITE SPRINGTIME HAUNT UP THE RIVER

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IN MEMORIAM

EDWARD LORRAINE WALTER

Lost at Sea, July 4, 1898

Professor Walter left his library to this University and the plan is to put this window directly over his portrait which hangs on the west wall of the apse. As the main feature of the window is a ship under full sail, it would seem particularly appropriate as a memorial in this instance. I therefore venture to ask for a special appropriation of $25 to cover the cost of this tablet. Respectfully submitted,

THEODORE W. KOCH, Librarian."

The sum requested was appropriated for this purpose by full vote of the Board. The request of Mr. Koch for certain electric lights on top of the exhibition cases and for additional rubber matting was referred to the auditing board for action.—The Board then took a recess until Friday morning.—The Board reassembled Friday morning at nine o'clock. —The proposed bill for the reorgination of the Psychopathic Ward was referred to a committee consisting of Regents Knappen, Barbour and Sawyer.—The degree of Doctor of Medicine was, in accordance with the recommendation of the Faculty of Medicine and Surgery, conferred upon Eryl Smith Peterson.—The Faculty of the Department of Medicine and Surgery presented a request for permission to publish in the next annual announcement the statement that, beginning with the autumn of 1909 no student may be admitted to the Department who has not previously complied with the requirement for admission to the Literary Department and obtained from the Literary Department sixty hours of credit, such sixty hours to contain certain specific subjects essential for admission to the Medical Department. The whole matter was referred to the medical committee for consideration and report.—Professor George P. Burns was made director of the botanical garden without special salary.—The salary of John G. Winter, Ph.D., was increased to the rate of $900 a year. —The following resolution was then presented by Regent Fletcher:

Resolved; That in the opinion of this Board the best interests of the University require that this institution withdraw from what is known as the Chicago Conference Association, an incorporated association composed of representatives from each of the Boards of Control of nine of the western universities."

During the discussion of this resolution the resolution from the University Senate, given elsewhere, was presented and read. The vote upon Regent Fletcher's resolution was as follows: Aye—Regents Dean, Fletcher, Carey, and Hill. No — Regents Barbour, Knappen, White, and Sawyer. The resolution therefore failed of passage.—The Alumni Committee on a Memorial Building appeared and held an informal conference with the Board respecting their plans.—The Mayor of Ann Arbor and the City Attorney also had an informal conference with the Board concerning the construction of a sewer on South State Street adjoining Ferry Field. No definite action was taken.—The Board adjourned to March 22.

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THE MEDICAL LIBRARY OF THE UNIVERSITY OF MICHIGAN

ADDRESS AT THE FOUNDERS' DAY CELEBRATION, FEBRUARY 22, 1907. BY GEORGE DOCK, A.M. (HON. HAR.), M.D., SCD. (HON. U. OF P.), PROFESSOR OF MEDICINE IN THE UNIVERSITY OF MICHIGAN

Let us now praise famous men—
Men of little showing—
For their work continueth,
Broad and deep continueth,
Greater than their knowing.

These lines of Kipling illustrate the spirit in which we are brought together this evening. At this time, dedicated as it is to the memory of the greatest founder of the country, we gather to celebrate the lives and achievements of the founders of this school. Though young in years, this medical college has a brilliant history. Though its teachers have been few, the deeds they wrought fill a large place in the history of their time. It is well then for us to keep green their memory, to cultivate the sentiment of veneration due to those who serve their fellow men, and which physicians at all times have felt and expressed for their predecessors. The deeds that should stimulate veneration for an institution are often unnoticed by contemporaries. To some the University of Michigan means chiefly a small inland school, devoted to the cultivation of athletics. To others it means a seat of learning, great not only in size but in plan, ideals and results, in which a medical school has always played a prominent part. It is not merely a place where one may spend a few years in more or less arduous work and on payment of a small sum procure a *quid pro quo* in the form of a diploma, with which he can exploit the public. Through the generosity of the state, you obtain, it is true at small expense, a bread-earning vocation, but more than that, you can learn proper methods of work and study, not only in your chosen craft, but in the larger *studium generale* in which all departments offer you both direct and indirect opportunity and stimulation.

As to my own fitness to address you on such an occasion I have many misgivings. A comparatively late comer, I did not have the privilege of knowing personally, or even seeing, any of the great men who were so active in the early years of the school. In the case of the friend and teacher whose loss we have had to deplore within the year, death was too recent to enable me adequately to present his history to you. Perhaps I was selected for the occasion not so much on account of ability as because of the fact that I had some part in instituting this celebration, sympathizing as I do most heartily in its reasonable and proper character.

Those of you who have assisted at similar occasions in the past have been able to learn something of the lives and characters of several early professors, and you have heard how they have come down to us not merely as pedagogs, but as true University teachers, men who added to the sum of human knowledge not merely by expounding to classes, giving them the undigested refuse of their own learning, but rather by actual production—giving the milk secreted from their own life blood. *"Felix qui potuit rerum cognoscere causas"* might well be the epitaphs of some of these men.

In such a school men are the essentials and buildings and equipment, no matter how necessary, still secondary. Yet even secondary matters may well claim some interest. At an early celebration the rise of some of the laboratories was described, and again this

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feature was enlarged upon in connection with the memorial of the life of Dr. Silas H. Douglas. It would have been interesting and perhaps instructive, to consider another and much more complicated laboratory—the hospital,—but I have chosen instead to call your attention to another feature of the school, viz., the medical library, and to speak of it as a laboratory.

It so happened that the library was begun comparatively early, and the explanation for this I think we must seek in the plan and organization of the medical school. The period at which the school was finally projected and opened—the fifth decade of the 19th century,—was one of remarkable fermentation in medical study. It was the era of the rise of Helmholtz and Virchow, Skoda and Traube,—of the brilliant dawn of the biologic period. Discoveries were being made that were destined to revolutionize medical teaching, but it was too early for a school in the making to profit by the discoveries. The numerous schools then at work in the United States could be divided roughly into two classes. In the first were some that either grew up around existing hospitals, or quickly developed clinical services and, without wholly neglecting the scientific branches, depended chiefly upon the fame of their clinical teaching. Some of the greatest names of 19th century medicine in America come from this group.—such men as S. D. Gross, Daniel Drake, D. Hayes Agnew, Joseph Pancoast, Marion Sims, N. S. Davis, the Atlees, Austin Flint, and many more. While they made great physicians, these schools were often indifferent to or even opposed to the improvement of medical teaching.

Then there was another kind of medical college, in small towns or villages, that followed what was called the "American plan," an amplification of the method of studying under a preceptor, or rather an enlargement of the literary part of that method, without its practical part. The latter was supposed to be obtained in the vacations, with practicing physicians. Usually the teaching was purely theoretic, except for the matter of dissection. One of the most celebrated schools of this kind, about the period with which I am now dealing, had for teaching force only three professors, and a demonstrator of anatomy, aided by a negro and a laborer. It is not necessary to speak further of these conditions. Any discussion of them must include a study of the needs of the time, and of the excellent men who were educated in those days. In the Medical Department of the University of Michigan, the laboratory teaching of chemistry soon differentiated it from purely theoretic schools, but the importance of the departure was hardly recognized at the time.

In a literary way it began better than it was able to continue, requiring a preliminary education unusual at that period, and definite reading and writing of technical exercises, termed theses in the complimentary language of the day.

In 1854, when the school was only five years old, we find the first appropriation for a medical library, and this was at once begun in a way that must excite our admiration. The faculty was small in size—there were only six professors and one demonstrator. But one of the professors was Sager, another Douglas, another Gunn, others Palmer, and Ford, and Denton; and the demonstrator was Edmund Andrews. Denton died too early to acquire much fame; of the rest it is enough to give the names. So we are not surprised to find that instead of spending the money for text-books or cyclopedias or rare examples of medical literature, those far-sighted men subscribed for some of the best medical journals then published, including such solid works as the Archives Gén-

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érales de Médecine, the American Journal of the Medical Sciences, the Edinburgh Medical Journal, the best British weeklies then published, the Dublin Quarterly, Schmidt's Jahrbuecher, and the best American periodicals—a more general and representative selection of the latter, I think it must be said, than we had at any later period until a very few years ago.

For several years the library flourished—in fact up to the middle of the Civil War, when appropriations were cut down, or more strictly speaking, cut out. This was due partly, no doubt, to hard times, partly to the fact that so many of the faculty were busy with military service that a certain neglect befell the library.

It is necessary to stop a moment to consider the difficulties early library enthusiasts had to encounter. The general library was begun as early as 1840, and through the assistance of Professor Asa Gray, who was appointed to a professorship here, but went to Harvard before he had time to begin his duties, and Mr. George P. Putnam, of New York, it had from the very beginning many valuable works. Yet it was not until 1857 that the books were shelved, and not until 1865—a quarter of a century—that it was catalogued and put in charge of a librarian. But if books are not accessible they are of little service, and if they are not cared for they soon disappear. The history of the library shows in a striking way how difficult it is for the idea of the permanence of a great institution to become accepted, even in the minds of those who have the specific function of caring for the institution. Much work, and much physical property are lost, when these obvious needs are neglected.

The accounts of the library furnish eloquent testimony regarding its development. In 1860 the medical library received an appropriation of $500. It never again had one as large as this until 1885, when $500 were again granted. For three years before this there were no appropriations, though the periodicals were continued by special arrangement. How feeble the growth was can be seen from the annual reports. In 1871, there were 1,500 volumes. In 1884, the library being thirty years old, there were 2,626. Not until 1887 was a more vigorous policy evident. The appropriation was then increased to $1,000, and never since has been less.

The long period of stagnation was one of the phenomena that occasionally appear in the histories of many institutions, from the lack of a lively *esprit de corps*.

Some of the most influential members of the faculty had fallen into a fatal satisfaction with existing conditions. Their apathy appears in an indifference to the importance of clinical teaching, and even to the first elements of comfort in the hospital, so that this institution received no enlargement for more than twelve years—1878-1891, though the number of patients in the wards was almost doubled. As regards the library, there is a tradition that the advantageous offer of a large collection of medical books was refused by the medical faculty, partly because many of the volumes were in German, which none of the members read. While these men lacked that noble discontent, that striving for better things, which easy-going souls call pessimism, some of the most conspicuous members of the faculty had a discontent with their surroundings that sought relief in schemes they were unable to consummate. Unwilling to build up the department in the place where they had once been very willing to work, they labored for a translation that they were not destined to see, and in the struggle injured not only themselves but the school.

Fortunately the library has now its established place, and though its needs

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are too many to meet easily, it is not ignored. In 1887, as has been said, stimulated by a larger appropriation, the medical library took a new start, and by September, 1891, it contained 4,530 volumes. At that time 61 periodicals were received. Since then growth has been still more active, and at present, Feb. 1, 1907, the library contains 16,000 volumes, and about 1,000 unbound pamphlets, and receives 299 medical periodicals. Besides the works classified as medical for administrative reasons, we must not forget the large number of books, journals and transactions in many other departments more or less closely related to medicine—especially in chemistry, pharmacy, all branches of biology, and also a large and growing library illustrating some of the more important aberrations of medical doctrine.

It is impossible from isolated figures to form a correct idea of the size or importance of the library. Some comparisons may assist. One of the largest medical libraries in the world is that of the Surgeon General's office, United States Army, in Washington. In June, 1906, it contained 155,272 volumes of books, and 271,857 unbound pamphlets. Leaving the latter out of consideration, that medical library contains about as many books as the whole University library, as all the books on the campus.

The library of the New York Academy of Medicine has 80,000 books. It was able to send to San Francisco, after the earthquake, 25,000 volumes of duplicates, more than forty tons.

The library of the College of Physicians of Philadelphia has 75,000 volumes. The Boston Medical Library has 35,000; Yale University, Medical Department, 19,000; Johns Hopkins Hospital, 10,000; Cleveland Medical Library, 14,000; Rush Medical College, 15,000; Homœopathic Medical College, Philadelphia, 15,000; Quine Library, University of Illinois, 11,250; University of Buffalo, Medical Department, 7,633.

As you may imagine, libraries are effective not so much from the number of volumes as from the character of their contents—the maxim, *non multa sed multum*, holding quite as much here as in other domains of human activity.

At least nine-tenths of the demands of medical readers are for articles that have appeared in periodicals. Since the year 1800 more than one-half of medical literature has been published in that form. Accordingly, it is the policy of the library to take as many of the best journals as it can afford, and to make the series of each one complete. In the case of good journals this is not only difficult, but also expensive, since some of the sets, in contrast to most other scientific books, are enhanced in price very soon after they appear.

The difficulty of getting as many journals as is desirable can be understood when we realize the great number published, and the rate at which they multiply. In 1887 there were 700 published in all parts of the world; now there are about 1,300. Perhaps the rate will not keep up. Weak journals drop out or consolidate with stronger ones with pleasingly increasing rapidity. But it is certain there will be a steady increase of periodicals that no progressive library can afford to ignore. An example of this kind is given by the history of the X-rays. This discovery quickly called forth not only many books but eight or ten periodicals, some of them very costly, and almost all necessary to the practicing physician. Other lines are every year developing periodicals that are just as essential. While the responsibility of starting a new medical periodical is very great, yet it would be proper for the University to add to the number by publishing an organ of its own. Just as every man is a debtor to his profession so is every

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instituion of learning, and although individual teachers build up the fame of an institution, yet their scholarship may be made more effective and the renown of the institution much increased by a well filled and well edited organ from every professional department. Practically all the journals published are received by the Surgeon General's library. Obviously, not all are essential, but the New York Academy, a discriminating body, takes more than 1,200, the Boston Medical Library 450, the Johns Hopkins Hospital 320. Our library probably comes next with 299, Rush Medical College takes 175, the Buffalo Medical College 110, and the Quine Library of the University of Illinois 100.

Our own collection of periodicals is a very good one both in size and quality and deserves a more detailed account. All of them are kept on file in the reading room until the various volumes are completed, when they are bound and placed with their respective sets either in the stacks or in the reading room. Two hundred and nineteen are paid for, the rest furnished by editors or publishers, or by members of the faculty, or through the kindness of Dr. John W. Keating, publisher of The Physician and Surgeon, (Ann Arbor). Eighty-nine of the current periodicals are complete from the first number. Including journals no longer issued and transactions there are more than two hundred complete series. The various countries are represented as follows: United States, 104; Great Britain, 24; France, 57; Germany, 94 (232 medical periodicals are published in Germany alone; in Paris there are said to be 50, many of them rarely quoted, however); Switzerland, 3; Italy, 8; Russia, 2; Canada, 3; Australia, Japan, India, the Philippines, one each. All lines of medical literature are represented, but some of them unfortunately not as fully as is desirable. The addition of about one hundred more journals would make it a very good working library. But as a university library it should go farther. At present we take the best journals in the languages of the most active nations, but the literature of many other races is well worth attention, and the complete neglect—necessary but just as unfortunate—of Spanish and Spanish-American medical literature is a serious evidence of the straitness of our resources, and gives an appearance of provincialism to the library.

Next in importance to periodic literature in the form of medical journals may perhaps be placed transactions of learned societies, hospital reports, and Festschrifts. Much valuable material appears only in this form. Our own collection is fairly good, but still far too small. After these we may rank systems, encyclopedias, monographs and handbooks in the various subdivisions of medical literature. Of these also, we have a fair but incomplete representation, and the same may be said of our works in the important lines of medical history, bibliography, biography. Classics of all periods are unfortunately few, but what we have is very good, from the Aldine edition of Galen, the first printed one, down to the magnificent edition of the Papyrus Ebers, the gift of Professor Herdman. The task of filling such needs is not only endless, but becomes more difficult yearly. The multiplication of new libraries increases the competition for and accordingly the cost of all kinds of older material.

The struggle for these books and periodicals is not based upon the mere idea of collecting, of forming museums of books. All who are familiar with the subject realize that the library is one of the most important centers of activity in a university department of any kind. A brief visit to the library of our own Law Department or the Engineering Department will convince anyone of this, those two

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departments having separate libraries with their own reading rooms, so that the technical character of the reading can be seen at a glance. It is to be hoped that the library and reading room will soon be enlarged, so that the advantages of the open-shelf system may be made more accessible to medical readers. When there is more room it will be possible to carry out plans formed long ago, but never realized, for a more systematic use of the medical library.

Perhaps there are some even here who share the thought and echo the question of a legendary visitor to the University Library: "Did any one ever read all those books?" Even if there are none, some words regarding the use of a medical library may be permitted.

I have said the medical library is a laboratory, but it is not a laboratory wherein classes meet to pursue some systematic labor, nor are there any handbooks that tell how one can work, as there are for many other kinds of laboratories. It has been said that "there should be in connection with every library a corps of instructors in the art of reading, who would, as a labor of love, teach the young idea how to read." (Osler.) This art should be taught before the young idea begins to study medicine. When he begins this, the student is in many respects in the condition of one who begins simultaneously the study of half a dozen languages and their literatures. The corps of instructors exists in the persons of the medical teachers, who should, and at least in this school, do, as a labor of love, guide the beginner in his reading. It is essential that the reader quickly become familiar with the method of classification and arrangement of books in any library in which he works. No classification can be perfectly satisfactory, especially in a line that gets so many additions to it as medicine, but the practical results may be satisfactory if those who have to handle the books know the system in use—no matter whether it is the decimal system we follow here, with its elastic topical arrangement, or the antithesis, like the one used in the Imperial Library of St. Petersburg, where the more than a million volumes are arranged strictly acording to height—medicine, agriculture, geology and what not side by side on the same shelves.

Any trained library assistant can give readers the necessary knowledge of the location and use of card catalogs, indexes, bibliographies, and the chief works of reference, but further than this, instruction by a library staff need not go. The student must learn for himself after getting his bearings, or what he reads will never really be his own.

Beginning with the needs of the undergraduate, the library is first of all a place where there are text-books. In the early days, when money was scarcer than now, many students bought no books of even such daily use as Gray, but read the copies kept for that purpose in the library. In fact, they saved not only books, but fuel. Furnaces and big crops have done away with this need, but the library is still the resource for occasional text-books, in lines not the subject of lectures or recitation.

Another function of the library is the furnishing of larger and more complete works than text-books. Does one wish a fuller account of anomalies in the dissecting room, a more detailed description of a technical method and its objects, a more minute account of a disease and its treatment, he may in the library consult a larger text-book, or a system, or encyclopedia, or a monograph, or a whole series of these. If he wishes to learn the latest contribution to any subject, he must consult the files of periodicals, guided by the invaluable "Index Medicus."

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This leads us to another function of the library, the furnishing of periodic literature, both the old volumes and the current numbers. This is an important but dangerous field for the young student. I have said that journals contain nine-tenths of the material required by medical readers. Dr. John S. Billings, for so many years the guiding spirit of the Surgeon General's library, from whom I get the figures, also says that "nine-tenths, at least, of all that is published becomes worthless and of no interest within ten years, and much of it is so when it first appears." In the journals we can read the epochmaking revelations of a Pasteur, a Lister or a Koch, the sound clinical observations of a Mayo, Osler or Kelly. We can also see the innumerable pseudo-discoveries that attract the attention of the world for a moment; the sensational statements of deceptive therapeutic advances, often only the adroitly veiled advertisements of manufacturing chemists, or the veriest trifling in a dozen forms, besides a wearisome iteration of abstracts, mostly incorrest in statement or incomplete in details. Here we are reminded of the wisdom of Bacon, who recognized that "some books are to be tasted, others to be swallowed, and some few to be chewed and digested." There is no better or more difficult place to gain "the high art of how and what to read," to cultivate system in reading, to acquire the valuable art of making abstracts. On the other hand, there is no place that tends more insidiously to waste of time, to dissipation quite as harmful as the physical kinds. Here apply the pregnant words, "to him that hath shall be given, and to him that hath not shall be taken away that which he hath." So, when reading journals, read with discrimination. Read the contributions of those known to you to be men of standing, and even then with a critical eye; read articles on topics of timely interest; read pen in hand, remembering the maxim "studium sine calamo somnium." But when tempted to read medical trash, unless you have a strong head and a capacity for quick forgetting, leave it for something better—an old master or a new one. Or, if you want imagination or fiction, consult such a teacher as Stevenson, or Balzac, or Browning. Sydenham, when asked by Sir Richard Blackmore with what book he should begin the study of medicine, replied, "Don Quixote,"—good advice, even now, though the clerk will probably tell you it is not one of the "six best sellers of the month."

The periodical shelves furnish a useful field for the cultivation of foreign languages. Every medical student now is required to have at least a beginning in some living language besides English. This requirement is not based upon the value of language study as mental discipline, but because such knowledge is important if not essential for an educated physician at the present day. But the slender knowledge acquired in a two years' course is soon lost unless it is cultivated regularly. As Goethe said of Time, "sie geht so schnell von hinnen." With constant daily practice, even with less than a two years' course, one may become familiar with another language not only as regards a single science, but also for other phases of its literature except the most abstruse. For this constant practice a simple text-book is most useful, because it can be picked up in spare moments, even carried in the pocket. But it is also good practice for the language, and still more for the variety and the broad perspective it offers, to read regularly some journal such as the *Muenchener medizinische Wochenschrift, La Semaine Médicale,* or *Il Policlinico.* Of course those who are doing special work must do very much more, but I am now speaking only of general reading.

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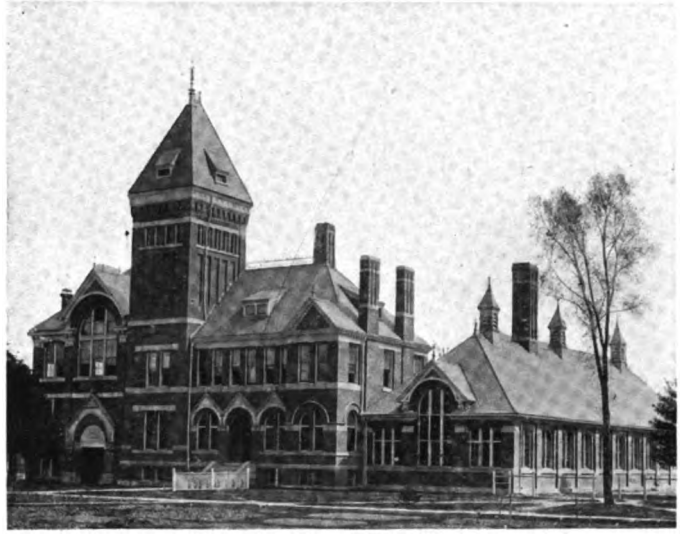

THE ENGINEERING SHOPS

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In a library, also, the student can acquire other kinds of knowledge that the crowded curriculum does not provide. There is an effort to get every possible branch of culture covered by lectures, and this, curiously enough, when the lecture system in general is getting more severe blows than ever before. So we have frequent laments that but few schools have lectures on the history of medicine. I freely admit that it would be delightful to hear a course of lectures on this subject by a man who combined wide knowledge, philosophic standpoint, clear presentation and enthusiasm. But on the other hand, while such men are rare, the student need not remain ignorant of some knowledge of medical history, and the same is true of other topics often omitted from lecture catalogs. On a few rainy Saturdays you can cover as much ground as a lecturer could in a year, beginning with a complete history, such as Baas or Park, and filling it out with biography, like the "Masters of Medicine" series, or Benjamin Ward Richardson's charming "Disciples of Aesculapius," still better, autobiography; or the history of special periods, *e. g.*, Mumford or Packard on Medicine in America, or Walsh's "Makers of Modern Medicine," or special disciplines, such as Gurlt's "Geschichte der Chirurgie," in 3 volumes.

But such reading must not be done at the expense of your daily tasks. Unless those are done as well as possible day by day, outside reading, no matter how good in itself, is nothing but a dissipation. The student in his clinical years should remember the words of a great teacher: "To study the phenomena of disease without books is to sail an uncharted sea, while to study books without studying sick people is not to go to sea at all."

It is well for the student to learn to handle books, because they will be the chief means of keeping up knowledge after he graduates. It is to be hoped you will advance by visiting other schools in this or foreign countries, as often as possible, but in the intervals you must read. With the majority of doctors their ultimate condition depends upon their reading, and especially in the amount and quality they read in the first ten or fifteen years after graduation. Only rare minds can get along without this and grow from experience alone; some can be saved by travel, but for the majority, unless they read, they will be less useful to mankind at forty than they were at twenty-five.

The bulk of this reading must be of journal articles and monographs, with a few text-books; such material as the wise undergraduate will select for his spare hours. But there are some other lines that I may be permitted to notice.

One of the most interesting, and for broad culture most profitable, is the reading of classics or masterpieces. Happy the man who "travels in the realms of gold," and reads Hippocrates or Celsus, or Rhazes on Smallpox, or Harvey on the Motion of the Heart, or Auenbrugger on Percussion, or Jenner on Vaccination, or Laennec on Mediate Auscultation, or Louis on Phthisis, or Nathan Smith on Typhoid, or Daniel Drake on the Diseases of the Mississippi Valley, or Cohnheim on Tuberculosis as an Infectious Disease, or Koch on the Etiology of Tuberculosis, or Mackenzie on the Pulse. He will not only get much actual knowledge, but he will gain an intellectual stimulation and such pleasure as that wonderful medical student of Guy's hospital had when he first looked into Chapman's Homer and burst forth:

"Then felt I like some watcher of the skies
When a new planet swims into his ken;
Or stout Balboa, when with eagle eyes
He star'd at the Pacific, and all his men
Look'd at each other with a wild surmise—
Silent, upon a peak in Darien."

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An important reason for the student to cultivate libraries is in order to do his part when he goes out in actual life in the selection and care of other libraries.

We are entering upon the age of co-operation. No one man can buy all the books or subscribe for all the journals he should read or consult. So in every town doctors should combine their forces so as to have as useful a library as possible. This is not only a necessity for the present, but not less so for the future. The neglect of library building is one of the less favorable features of medicine at present. Sometimes there is an idea that the town is too small to support a medical library, but the population of Philadelphia was less than 40,000 when the Library of the College of Physicians was begun, and it is largely on account of the early start that this Library is one of the largest and contains a larger number of rare and valuable books than any other in the country. Perhaps the very deluge of books and journals that now pours upon us dulls our senses to the need of collections of a permanent kind. And yet when the country becomes older, when cities multiply as villages have in the lifetime of this school, there is certain to be an intense demand for the solid books of all ages. Then generous spirits will have to republish the masterpieces, as Boerhaave did in his time, and then the words of Richard of Bury will be appreciated as much as at any time since he wrote them seven centuries ago:

"For the meaning of the voice perishes with the sound, but truth which shines forth in books desires to manifest itself to every impressionable sense. What pleasantness of teaching there is in books, how easy, how secret! How safely we lay bare the poverty of human ignorance to books without feeling any shame! They are masters who instruct us without rod or ferule. If you come to them they are not asleep; they do not chide if you make mistakes; they do not laugh if you are ignorant. They are the mines of profoundest wisdom, to which the wise man sends his son that he may dig out treasures. They are the tree of life and the fourfold river of Paradise, by which the human mind is nourished and the thirsty intellect is watered and refreshed."

MICHIGAN'S DISTINGUISHED ALUMNI

STATISTICS CONCERNING SOME OF MICHIGAN'S GRADUATES AS GIVEN IN "WHO'S WHO IN AMERICA," FOR 1906-1907

The 1906-07 edition of Who's Who in America includes 374 holders of degrees, and former students of the University of Michigan. While it is, of course, true that all persons are not included who might justly be entitled to a place, in fact several surprising discrepancies have come to the writer's notice in this regard; still the names of those included as a whole may stand as a very fair evidence of the attainment of distinction on the part of Michigan alumni. Apparently however, this is more true in the case of the graduates of the Literary and Law Departments than the graduates of the Engineering and Medical schools, who seem to have a much smaller proportionate representation. Whether this is true for the professions in the book generally we have no means of knowing.

The list of alumni and non-graduates is as follows:

Graduates	294
Non-graduates	60
Holders of Honorary degrees	18
Summer School Students	2
Total	374

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Divided into departments the students in belles-lettres, of course, have by far the largest number. In this case the division is as follows:

Literary	175
Engineering	12
Medical	17
Law	85
Pharmacy	3
Homoeopathic	1
Non-graduates	61
Honorary degrees	18
Summer School Students	2

Of the 175 included as from the Department of Literature, Science and the Arts, 160 hold baccalaureate degrees and 14 hold only advanced degrees, in most cases A.M. or Ph.D. Of the 160 taking first the baccalaureate degree, 77 took merely the one honor, and 73 took advanced degrees, from professional schools or higher degrees in the Literary Department. Ten hold two degrees, of which one is honorary, in most cases LL.D. Nine others have taken advanced degrees and have had conferred upon them, in addition, the honorary degree of LL.D.

The oldest alumnus included in the list is Brigadier General Joseph Rowe Smith of '48, whose occupation is given as army surgeon. The youngest is Wilbur P. Bowen, '00, M.S. '01, who is at present Physical Director of the State Normal at Ypsilanti.

Twenty-five present members of the Faculty of the University are included as well as two others, Professor McLaughlin and Professor Hempl, who have left since the publication of the last edition. In the consideration of the graduates by occupation, in the following statistics, the members of the Faculty have in some cases been considered as educators. In other cases, especially the scientists, they have been included among the investigators in the various branches. Of the 354 graduates and non-graduates of the University, including four which have died since the publication of the book, the following table will show very roughly the occupations, since very many of them might be included in two or even three categories.

Lawyers	128
Educators	84
Authors, etc.	40
Scientists	36
Physicians	32
Engineers	12
Clergymen	10
Miscellaneous occupations	12

Carrying the analysis further we find that of the 128 lawyers given place in *Who's Who*, the number, according to present occupation is divided as follows:

Practicing Lawyers	77
Judges and Chief Justices	14
Congressmen and Ex-Congressmen	25
U. S. Senators and Ex-Senators	5
Diplomatic and Consular Service	4
Ex-Postmaster General	1
Assoc. Justice U. S. Supreme Court	1
Commissioner Internal Revenue	1

Of the total of 84 educators given, 10 are in executive positions as follows:

College Presidents	5
College Deans	3
State Supt. of Public Instruction	1
U. S. Commissioner of Education	1

Twenty-three of the educators give language study as their special branch as follows:

English and English Literature	10
Philology	3
Modern languages	7
Classics	3

Of this number one is also a diplomat and two are well-known writers in their subject.

Twenty-two have made the sciences their branch as follows:

Mathematics	5
Chemistry	6
Zoölogy	3
The Medical Sciences	3
Botany	2
Agriculture	2
Physical Education	1

Of these one has since become the Secretary of Interior of the Philippine Islands.

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Twenty-two have taken up history, political economy and philosophy as follows:

Economics	8
History	6
Education	4
Sociology	2
Philosophy	1
History of Economics	1

Three have taken up the subject of legal education; 3 engineering education; and one is a teacher of the deaf.

Of the authors and journalists which have been placed for convenience in one group, 17 give their occupation as journalism; 15 as authors; 3 as legal authors; and 5 as medical authors. Of these authors and journalists one is also a librarian and two are in the United States Consular Service, one at Edinburgh and the other at Athens.

The 36 scientists are divided as follows:

Chemist	6
Forester	4
Astronomer	4
Botanist	3
Physicist	3
Geologist	4
Mathematician	2
Pharmacist	2
Naturalist	2
Zoölogist	2
Anthropologist	1
Physiologist	1
Scientist	1
Inventor	1

Of the 32 physicians given a place, 21 are practicing; 7 return their occupation as surgeons; and 4 are in executive positions. Of the 12 engineers several are in executive positions and one is President of the Mexican Central Railroad. Of the 10 clergymen one is also an educator and one is a lecturer.

Of the miscellaneous occupations there are 3 librarians; one mountain climber and lecturer; one law graduate who has become a fruit grower; a soldier, a musical director, a composer, an appraiser, an architect, a manufacturer, and the treasurer of the American Missionary Association.

Of the 354 graduates and non-graduates 15 are women. It is however not exactly fair to compare this with the total number of men, since the women have been graduating from the University only since 1871, whereas the figures for the men go back to the beginning of the University, and, as will be seen from the further table, there are many of the classes before that time who have a large number of distinguished members. The occupation of the women graduates is as follows:

Authors	6
Educators	4
Physicians	3
Scientist	1
Educator and Mountain Climber	1

The distribution of these graduates by classes is as follows:

'48	1
'49	1
'54	1
'56	1
'57	3
'58	1
'59	2
'61	3
'62	4
'63	2
'65	6
'66	5
'67	7
'68	12
'69	9
'70	7
'71	9
'72	6
'73	8
'74	5
'75	15
'76	9
'77	4
'78	14
'79	6
'80	7
'81	11
'82	14
'83	8
'84	12
'85	11
'86	6
'87	11
'88	4
'89	12
'90	11
'91	6

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'92	11
'93	7
'94	8
'95	4
'96	4
'97	2
'98	2
'99	1
'00	1

The distribution by states and countries is also of interest. Distributed according to place of residence 27 are found to reside in Ann Arbor; 23 in Chicago; 22 in New York; and 15 in Washington. Distributed by states and countries the result is as follows:

Arizona	2
California	15
Colorado	8
Connecticut	5
District of Columbia	15
Idaho	1
Illinois	42
Indiana	15
Iowa	5
Florida	1
Kansas	6
Kentucky	1
Louisiana	1
Massachusetts	15
Maryland	5
Michigan	67
Minnesota	10
Missouri	6
Montana	3
Nebraska	8
New Hampshire	3
New Jersey	4
New York	42
North Dakota	1
Ohio	21
Oklahoma	1
Pennsylvania	9
South Dakota	3
Tennessee	1
Texas	3
Utah	6
Vermont	2
Washington	4
West Virginia	1
Wisconsin	8
Wyoming	3
Denmark	1
Hawaii	1
Germany	2
Greece	1
Philippines	2
Porto Rico	1
Scotland	1
Sicily	1
Switzerland	1

SILAS HAMILTON DOUGLAS

MICHIGAN PORTRAITS—VIII

In 1843 a young man, then twenty-eight years of age, came to the village of Ann Arbor to practice medicine. Here he resided until his death on Aug. 26, 1890, and here he spent the better part of a long and influential life in the service of the University of Michigan. He was on its staff of instruction for thirty-three years. When he commenced his work there there were only 53 students in attendance. When he retired the numbers had increased to 1110 and the institution had grown correspondingly in its buildings and grounds, and in its faculties and departments of work. It is well for us to pause for a moment, now and then, and rest our thoughts on those who contributed so largely to the beginnings of what we today enjoy.

Dr. Douglas was born at Fredonia, New York, Oct. 16, 1816. He obtained his collegiate education in the University of Vermont and in the Medical Department of the University of Maryland. Later, in 1847, the University of Vermont conferred on him the honorary degree of Master of Arts. He came to Michigan in 1838 and settled at Detroit. For a few years he shifted about some, but gathered strength through his contact with men of affairs. He studied medicine in the office of Dr. Zina Pitcher, accompanied Dr. Houghton on his geological survey of Michigan and was for a time employed by the Govern-

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ment as a physician on the staff of Henry R. Schoolcraft. This varied experience undoubtedly helped him to success in his business as well as in his professional life.

On coming to Ann Arbor in 1843 he made associates and connections, that settled him in his life work. His acquaintance with Dr. Houghton, then Professor of Chemistry, Mineralogy and Geology in the University of Michigan was helpful to him. In 1844 he was made assistant to the Professor in Chemistry and in 1845 he married Helen Wells; Ann Arbor became his permanent home and the University his field of usefulness.

An extended account of his labors as an educator and as a citizen is not within the limits of this sketch. It is interesting, however, to observe that while connected with the University he was called upon to give instruction covering many departments in science under various titles, as follows: Lecturer in Chemistry and Geology from 1845 to 1846; Professor of Chemistry, Mineralogy, and Zoölogy from 1846 to 1851; Professor of Chemistry, Pharmacy, Medical Jurisprudence, Geology, and Mineralogy from 1851 to 1855; Professor of Chemistry, Mineralogy, Pharmacy, and Toxicology from 1855 to 1870; Professor of Chemistry from 1870 to 1875; and Professor of Metallurgy and Chemical Technology from 1875 to 1877, when he retired from the University.*

The startling fact arising from the foregoing assignment is that so much should have been required of one man and that he should be able to do it so well. We should remember however, that in his time the faculty was very small in numbers and each member was probably required to do many things, and also that the subjects taught have been more carefully specialized and more highly developed in recent years.

Dr. Douglas was influencial in the organization of the Department of Medicine and Surgery at the University and was a member of its first Faculty; but his greatest service to the institution was in the science of chemistry and in the founding of our Chemical Laboratory. For a few years he had a small private laboratory for the use of his students; but in 1856 the Regents constructed under his supervision a Chemical Laboratory at a cost of about $3,400. This was the beginning of what we now have, but, as was then said, it surpassed anything of the kind in our country. "This early advance in chemical teaching in Michigan was due, in no small degree to the energy and administrative ability of Dr. Douglas." Enlargements and improvements have been made from time to time and from the first, it has held its rank among the best equipped of similar institutions. Within its walls our School of Pharmacy was developed and there many educators well known in the annals of chemical science have given instruction. Academical and professional students have worked together at its tables. Its opportunities have strengthened every department and contributed largely to the growth and reputation of the University. Dr. Douglas not only superintended its erection but had general charge of the work in it for over twenty years. He also superintended the construction of many other buildings on the Campus, among them the Medical Building and the Observatory, but the Chemical Laboratory will be a permanent reminder of his educational and administrative worth to the University.

When he came to Ann Arbor the University was passing through the darkest hour in its history; it was *in extremis;* without resources and not in favor with the people. A petition

* Hinsdale's History of the University of Michigan, p. 224.

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signed by many citizens of the state had been sent to the Legislature asking that the University be closed; that its property be sold and the proceeds be turned to the common school fund. The petitioners urged that the University was of little or no benefit to the state or the people. These conditions were not inviting to any young man, but they gave to Dr. Douglas an opportunity for the best there was in him. He was not only a scholarly man, well versed in the sciences and an able instructor, but also a practical business man of excellent judgment with large constructive ability. Such an one is of great value to any institution of learning, particularly during the early period of its development.

In addition to his University work Dr. Douglas had large business interests in different parts of the state and during the later years of his life gave little attention to the practice of medicine. His time was occupied with educational and business pursuits. We remember him quite well as a lecturer on chemistry in the Old Medical Building during the early seventies. He was very clear in his statements of principles and interesting in demonstration. We recall a striking incident of our college days under him. He was discussing before the class of '75 the subject of electricity and incidentally suggested that if some member of the class would bring a dead cat to the lecture room the next day, he would show the effect of electricity on its muscles. Every member of the class considered himself commissioned to meet the call. That night witnessed the passing of the cats at Ann Arbor and the next day nearly every member of the class brought his contribution and some fifty feline subjects for demonstration were piled up on the professor's table. It all became too spectacular for the girls on the front seat. They picked up their garments and scurried out the side entrance. This was our first flutter in co-education at the institution. When the professor came in the class was all attention. He looked a little aghast at conditions, but quickly collected himself. Dr. Douglas was a quiet and apparently severe man; one you would not think of trifling with, of a kindly sympathetic disposition but not easily disconcerted. He rose to the occasion and with a good natured smile said: "Gentlemen, I appreciate your kindness. You are invited to my house to enjoy some ice cream and strawberries as soon as strawberries are ripe." The incident was closed and the professor proceeded with his lecture. Later the invitation was accepted and enjoyed at his residence on Huron street; a place that has been known for over forty years as the Douglas home.

In this home Dr. and Mrs. Douglas lived an ideal life and raised and educated a family of seven children under most satisfactory conditions. For some thirty years both faculties and students enjoyed their hospitality and their helpful interest in the social side of University life will be remembered by our alumni for many years to come.

JEROME C. KNOWLTON, '75 '78*l*.

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News

ATHLETICS

THE PRELIMINARY MEET

The track season at Michigan opened Feb. 23 with the usual preliminary meet and although many of the veterans were not entered, the freshman and sophomore classes showed a great deal of excellent material. While the meet made no astounding revelations, it was far from discouraging for those trying to get a line upon the promise of the 1907 season.

One record only was broken and that was by the senior engineer relay team, consisting of four "M" men, Stuart, Ramey, Coe, and Garrels, who broke the track record by a fifth of a second. This was done with apparent ease, and gives promise of better performances later in the season. The class relay races, as expected, proved the most interesting feature of the meet, although there was some unfortunate confusion in starting several of the teams and they did not race according to the prearranged schedule.

Garrels won the shot-put with ease from Embs and Loell at 43 feet 8 inches. The ineligibles starred in the pole-vault and the half mile. The first was won by Allerdice, a freshman from Indianapolis, at 10 feet 6 inches, somewhat better than has been done in the preliminary meet for some time. The half mile was captured by Bohnsack, a freshman from Chicago North Division, who, if he had been pushed a little closer, might have come nearer the two minute record. Patterson, the Detroit University School star jumper, won the high jump, although he failed to make the record of 6 feet. Davey, a former Notre Dame runner, took the quarter mile in 55 seconds. He was in college last year, and was marked as a coming star, although his three years absence from athletics has made him slow in getting into shape. The summaries were as follows:

Shot-put: First, Garrels; second, Embs; third, Loell. Distance, 43 ft. 8 in.

Thirty-five yard dash: First, Bowman; second, Bristol; third, Maloney. Time, :04 1-5.

Forty-yard low hurdles: First, Cotton; second, Smith; third, Corson. Time, :05 2-5.

Forty-yard high hurdles: First, Smith; second, Cotton; third, Corson. Time, :05 4-5.

Pole vault: First, Allerdice; second, Wheat, third, Levison. Height, 10 ft. 6 in.

High jump: First, Patterson; Leete and Hoppin tied. Height, 5 ft. 10 in.

Quarter-mile run: First, Davey; second, Leger; third, Pierce. Time, :55 flat.

Half-mile run: First, Bohnsack; second, Stoepel; third, Phelps. Time, 2:07 1-5.

Mile run: First, Lanning; second, Tower; third, West. Time, 4:49.

Relay races: '07 lits won from '09 lits; '08 lits won from '10 lits; '07 engineers won from '09 laws; '09 medics won from dents (forfeit); '08 medics won from pharmics; '10 engineers won from '08 engineers.

THE FRESHMAN-SOPHOMORE MEET

The Fresh-Soph meet held March 2 proved the most interesting in years, resulting in a defeat for the sophomores by a margin of fifteen points, the final score being 47 1-3 to 32 2-3. The sophomores were weakened by the loss of Bowman, their star dash man, considered the fastest short-distance man in college, who injured his ankle in practice, although they found solace in a clean cut victory in the relay race, that did not however, count for points.

The freshmen captured six firsts and three seconds, and tied for first place in the pole-vault. The leading point man for the freshmen was Smith, a star of the Detroit Central High School last year, who won both the low and high hurdle races bringing ten points to the credit of his class. McKinnon was forced to run three heats for the dash, although he landed first place in all three. Patterson as expected took first place in the high jump, although he was only forced to make 5 feet 7 inches. He was not in the best condition, but it is easily seen that he is one of the best men Michigan has had for a number of years and should do much better than ever before, under Keene Fitzpatrick's training. Bohnsack, a freshman, won the 6 lap race with ease and looks like Varsity material for the coming year. The 9 lap race was won by May of the freshman class.

The four stars for the sophomore class were Dunan, Ruby, Marker, and Cotton. Dunan won the three lap race easily, while Ruby put the shot 38 feet 10 inches, a good 9 inches beyond Arthur's best mark. The pole-vault resulted in a tie between Marker, sophomore, and Allerdice, freshman, at 10 feet 6 inches. Marker, who established a record in the indoor meets last year, also ran Patterson a close second in the high jump, and in fact won the most points for the sophomores. Cotton secured both seconds in the hurdles and contributed six points for his class.

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A record-breaking crowd was in attendance, notwithstanding the counter attraction of the Comedy Club. All the available seats were filled and the strong class feeling between the freshmen and the sophomores kept the interest at a higher pitch than usual. Th summaries were as follows:

Shot-put: First, Ruby, '09; second, Arthur, '10; third, Legg, '10. Distance, 38 ft. 10 in.

Thirty-five yard dash: First, McKinnon, '10; second, McGregor, '10; third, Williams, '09. Time :04 2-5.

Forty-yard low hurdles: First, Smith, '10; second, Cotton, '09; third, Pollak, '10. Time, :05 2-5.

High hurdles: First, Smith, '10; second, Cotton, '09; third, Marker, '09. Time, :05 3-5.

Pole vault: Marker, '09, and Allerdice, '10, tied; third, Wheat, '09. Height, 10 ft. 6 in.

Three laps: First, Dunan, '09; second, Netzory, 10; third, Pollak, '10. Time, :47.

High jump: First, Patterson, '10; Marker, '09, Knapp, '09, and Smith, '10, tied for remaining points. Height, 5 ft. 7 in.

Six laps: First, Bohnsack, '10; second, Berry, '09; third, Phelps, '09. Time, 1:45 1-5.

Nine laps: First, May, '10; second, Saxton, '09; third, West, '09. Time, 2:54 3-5.

Relay races: Sophomores (Williams, Dunan Wall and Cotton) won.

Class championship relay races: '08 engineers defeated '07 lits; '08 lits defeated '08 medics; '07 laws defeated '08 laws; '07 engineers won by forfeit from '09 medics.

THE VARSITY MEET

One indoor record broken and two tied was the record of the Varsity Indoor Meet, held in Waterman Gymnasium Saturday night, March 9. H. P. Ramey repeated his performances of the last two years and again set a record in the half-mile. John Garrels tied the record in the high hurdles and Davey did the same in the quarter-mile. Patterson failed to break the record in the high jump, although great hopes are placed upon his powers after he rounds thoroughly into condition. He did 5 feet 11 inches with ease, but failed at 6 feet 1 inch, one inch better than the record.

The half-mile race between Ramey and Maloney was the feature of the evening. Ramey finished some ten yards ahead of Maloney, and crossed the tape in the record time of 1:57 4-5. Two years ago he made the record in 2:00 flat, and last year he made it at 1:59 1-5. "Pat" Davey's work in the quarter seems to mark him as the desired man to fill the present gap among the quarter-milers, as he made the distance in record time. Captain Garrels was entered in three events and took first in every one. He put the shot 43 feet 9 inches, and also won two firsts in the hurdles. Schulz, the big Varsity center, took second place in the shotput and showed great possibilities, provided he can master the form and stay within the ring.

In the dash Bristol was in a class by himself, and made the new 35-yard distance in 4 1-5 seconds. It has been found that the 40-yard run did not allow enough room for the finish, and many bruises and sprains were the result of the inclined mats at the end of the course. Hunt and Marker did not present themselves for the pole vault and the event fell to Allerdice at 10 feet. One of the features of the evening was a hurdle race between "Spider" Coe, the long miler, and "Octy" Graham, the heavyweight Varsity guard. Graham beat the gun by a yard, but Coe in the end won the race by running around the second hurdle. The race created great amusement. The class relays, as usual, furnished a great deal of excitement and resulted in victories for the junior lits over the junior engineers and junior laws over the fresh engineers.

The summaries follow:

Shot-put: First, Garrels; second, Schulz; third Ruby. Distance, 43 ft. 9 in.

Thirty-five yard dash: First, Bristol; second, McKinnon; third, Kern. Time, 4 1-5 seconds.

Forty-yard hurdles (low): First, Garrels; second, Hodgen; third, Pollak. Time, 5 1-5 seconds.

Forty-yard hurdles (high): First, Garrels; second Hodgen. Time, 5 2-5 seconds.

Pole vault: First, Allerdice; tied, Wheat and Levinson. Distance, 10 ft.

Quarter-mile: First, Davey; second, McCrath third, Dunan. Time, 53 3-5 seconds.

High jump: First, Patterson; second, Rakestraw; third, Hoppin and Knapp, tied. Height, 5 ft. 11 in.

Half-mile: First, Ramey; second, Maloney; third, Bohnsack. Time, 1 min. 57 4-5 sec.

Mile: First, Coe; second, Dull; third, Lanning. Time, 4 min. 50 sec.

COMPARATIVE EASTERN AND WESTERN RECORDS

In view of the change which Michigan will make this year in the intercollegiate track contests from the West to the East, the comparative records for last year will undoubtedly be of interest. The last Eastern Intercollegiate Meet was held May 26, 1906, and the Western Conference Meet at Chicago occurred one week later. The following are the respective records at the two contests, showing two tie records, six in favor of the East, and five of the West:

	EASTERN INTERCOLLEGIATE.	WESTERN CONFERENCE.
100 Yards	10 1-5	10 1-5
220	23 2-5	22 3-5
440	51 1-5	50
880	1:59 1-5	1:58 2-5
Mile	4:29	4:30 3-5
2 Mile	9:56	10:00 1-5
120 Hurdles	15 4-5	15 2-5
220 Hurdles	25 1-5	25 1-5
Shot	43 ft. 11 1-8 in.	42 ft. 11 1-4 in.
Hammer	147 ft. 9 1-2 in.	156 ft. 1-4 in.
High Jump	5 ft. 11 in.	5 ft. 8 1-2 in.
Broad Jump	23 ft. 4 1-2 in.	22 ft. 6 1-4 in.
Pole Vault	11 ft. 10 3-8 in.	12 ft. 4 7-8 in.

The Eastern Intercollegiate Meet will be held at Cambridge this year on May 25, and the Western Conference at Chicago, June 1, one week later. It is uncertain, however, whether Michigan will take part in both meets.

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BASEBALL PROSPECTS

In spite of the fact that a great deal of most promising baseball material will be ineligible this coming year, Michigan has very good prospects for another championship team. Practice in the Gymnasium cage commenced early in February, and it was soon filled to its capacity with aspirants for the team. Acting coach Sanger and Captain Taft paid special attention to candidates for the box, since the absence of Sanger and DeNeffe has left a big hole in the team. The only other position for which there is no seasoned man ready is one of the outfield places.

Of the old men Loell is in good shape, and with Emerman will be used to take care of the catcher's position. Captain Taft at first, Kelly at second, Patterson at short, and Giddings at third, with McGarity as utility infielder, will make up a fast infield. Although Ex-Captain Wendell and Carrothers are ineligible, Sullivan and Wheeler will still be available in the outfield, and these with the large number of candidates for the outfield positions make it pretty certain that there is no serious danger there. No line can be obtained on the candidates for the outfielder's position however, until the outdoor practice begins. More concern is expressed with regard to the hole in the pitcher's box. Martin is getting into better condition than in former years and will undoubtedly be called upon to show his ability. Whipple, Sibley, Ovitz, and Finerty are also prominent candidates.

According to a statement made by Graduate Director Baird, Feb. 22, Bobby Lowe, the star utility man on the Detroit American League Club has been secured to coach the Varsity baseball team this season. Negotiations have been pending with Lowe for some time, but there had been some uncertainty as to whether the Detroit manager would be willing to permit Lowe to come. It was finally settled, however, and Lowe took charge of the squad March 5. He is being assisted by Sanger, last year's pitcher, who will have charge of the ineligibles.

THE BASKETBALL SERIES

Great interest has been manifested in the series of basketball games which were played during the month of February as announced by A. P. Frapwell, the inter-class basketball manager. These games were played under the same rules as those adopted by the Eastern Inter-collegiate Association, rather than those governing the Amateur Athletic Union. These Eastern Inter-collegiate rules have been adopted by a number of western colleges, and allow a faster and more attractive game.

The games all attracted unexpectedly large audiences, and aroused a great deal of enthusiasm. Although the floor of the gymnasium was necessarily occupied by the players, the running track was filled to its capacity every evening that games were scheduled. The first of the two games played Feb. 19 was between the junior engineers and the senior laws. This game however was rather one-sided, owing to the fact that four of the juniors, Patterson, Henry, George, and Wilson, were seasoned players who had worked together on the Y. M. C. A. team last year. Nichol, the fifth man and Guckenberger, who took the place of George, were equally good and made up a team of exceptional ability, which was able to score 52 points as against 5 for the senior laws. Patterson was easily the star of the evening and was responsible for eleven baskets. The second game of the evening was also equally one-sided, resulting in a score of 64 to 6 in favor of the '08 laws over the '07 lits.

The second series of class games was played the next night, the 20th, when the '07 engineers defeated the '09 lits, 30 to 16, and the '09 laws won from the pharmics by a score of 19 to 6 points. The first game between the engineers and the laws was a strong one. Although the engineers had the advantage of size, they were outplayed in the first half, but recovered later and won by a big margin. The second game between the pharmics and the laws was somewhat weak owing to poor defence upon the part of both teams. The pharmics showed splendid team work although they fell short in baskets.

The third series of games occurred Wednesday night, Feb. 27, when the '09 engineers won from the '10 lits with a score of 52 to 32 points. The second game resulted in a victory for the '08 lits over the fresh medics by a score of 44 to 15 points. Of these the first game was the better. At the end of the first half the score was 26 to 21 resulting in a decisive score for neither team. The freshmen were given considerable credit for their showing since they had never played together before.

Two more games in the series toward the class championship were played Friday evening, March 1, when the '10 engineers won an easy victory over the dents, 38 to 6. The game which followed between the '08 and '09 laws was a far different affair and was easily the fastest and most fiercely contested game of the season. The freshmen showed a decided superiority in the first half which resulted in a score of 13 to 7 in their favor. The second half, however, reversed the fortunes of war and the juniors eventually won by a final basket in playing off the tie.

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MICHIGAN WINS SUIT

The case between "Professor" Frank Scott, the dancing teacher of Ypsilanti, against the Athletic Association of the University for injuries alleged to have been sustained at the collapse of the grandstand at the Wisconsin game last year resulted in favor of the University. The case was turned out of court Feb. 18, by Judge Lockwood of the Monroe circuit bench, where the case was tried, after six days of taking testimony. Judge Lockwood held that there was no negligence on the part of anyone and therefore dismissed the case. Mr. Scott will have to pay the costs.

CAMPUS CALENDAR

COMING EVENTS

MARCH

Saturday, 16.—Entertainment by Cosmopolitan Club. Sarah Caswell Angell Hall.

Monday, 18.—Emilio de Gorgorza, song recital. Choral Union series.

Thursday, 21.—James O'Donnell Bennett, dramatic critic, Chicago Record Herald. Sarah Caswell Angell Hall.

Friday, 22.—Professor W. E. Castle of Harvard; lecture on "The Experimental Study of Heredity," under auspices of Sigma Xi. New Medical Bldg.—William Jennings Bryan. S. L. A. Course, University Hall.

Saturday, 23.—Lecture. Dr. Alice Hamilton of Chicago in Sarah Caswell Angell Hall, under auspices of the Students' Medical Society.

APRIL

Tuesday, 2.—Lecture. Samuel Gompers. S. L. A. course.

Friday and Saturday, 5 and 6.—Michigan Union Minstrel Show. University Hall.

Monday, 8.—Booket T. Washington. S. L. A. Course. University Hall.

Friday, 12.—Vacation in all departments.

MAY

Friday, 3.—Moliére's "Le Bourgeois Gentilhomme" given by the Cercle Francais.

Wednesday to Saturday, 8, 9, 10, 11.—Annual May Festival concerts.

Saturday, 11.—Varsity Field Day. Ferry Field.

Friday and Saturday, 24 and 25.—Annual Interscholastic Meet. Ferry Field.

PAST EVENTS

FEBRUARY

Friday, 1.—Examinations began in the various departments.

Saturday, 2.—M. Anatole Le Braz lectured before the Cercle Francais on "The French Provinces."

Friday, 8.—The annual Junior Hop was held in Waterman gymnasium.

Saturday, 9.—The University Musical Clubs gave the annual Junior Hop concert in University Hall.—The Comedy Club presented a three-act comic drama entitled, "A Scrap of Paper," or "The Adventures of a Love Letter," The cast consisted of Henry Mayhew, '10, Ann Arbor; William Hayes, '07*l*, Clinton, Ia.; George H. Fox, '07, Manistique; Marshall Uhl, '08, Grand Rapids; G. J. Heffron; Maurice Crumpacker, '09, Valparaiso, Ind.; Madge Miller, '08, Muskegon; Mildred Korns, '09, Tracy, Minn.; Elsa Haller, '08, Ann Arbor; Mabel Tuomey, '07, Ann Arbor; Edith V. Meads, '08, Calumet; and Nellie Cutler, '09, Nora Springs, Ia.

Sunday, 10.—Rev. William Harman Van Allen, S. T. D. of Boston, gave an address in St. Andrews church on the subject "Social Problems and the Catholic Creed."

Monday, 11.—The Palmer Memorial Ward was formally dedicated, the exercises being held in Sarah Caswell Angell Hall.—Announcement was made of a course in the Evolution and Antiquity of Man, the Geographical Distribution of Races, Customs, Religions, etc., to be given during the second semester by Robert Bennett Bean, M. D.—The February party of the Engineering Social Club was held at Granger's Academy.

Tuesday, 12.—The Junior Research Society held its monthly meeting and was addressed by Dr. W. D. Herdman on the subject, "Recent Developments in the Study of Osmosis."—The Student Council held its regular meeting and selected February 21 as election day for the six new representatives from the junior classes. The various departments are to be represented as follows: Literary, two; engineering, two; law, one; medical, one.

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Wednesday, 13.—The staff of the *Inlander* held an informal beefsteak dinner and discussed plans for the improvement of the magazine.—At a meeting of the executive board of the Students' Lecture Association, Hugh W. Grove, '08*l*, Greenspring, O., was appointed corresponding secretary of the association to succeed Henry A. Montgomery, Flint.—The freshmen engineers held a class meeting.—The fourth of Professor Lockwood's historical lecture recitals was given in Frieze Memorial Hall on "Chopin."—The senior laws decided to participate in the annual swingout and voted to leave a portrait of Professor Robert E. Bunker, painted by Percy Ives, of Detroit, as a class memorial.

Thursday, 14.—The Philological Society listened to two papers on Archaeological Interpretations: (1) The Poem of Lucretius and the Venus Pompeiana," (2) Juvenal's Codrus (III. 215), and a Painting from Herculaneum.—College newspaper men attended the mid-winter meeting of the Michigan Press Association in Detroit for the first time.—The sophomore lits held a class meeting.—The various class basketball managers held a meeting and elected the following officials for the interclass series: Official scorekeeper, Clarence E. Eldridge, '08, Three Rivers; public scorekeeper, Harry Hammond, '07*e*, Chicago; timekeepers, Frank Sanger, '07*l*, Paw Paw, and Harry A. Workman, '07*e*, Chicago; referee, Assistant Trainer Maris.—Seventy-five senior girls were present at a Valentine luncheon served in Barbour gymnasium.—The senior and sophomore girls met in basketball contest.

Friday, 15.—The Woman's League gave a Valentine dancing party in Barbour gymnasium.—Mme. Elsa Ruegger, 'Cellist, appeared in the Choral Union Series.—The sophomore lits held a smoker in Nichols' Hall.

Saturday, 16.—The University Chess and Checker Club held a tryout for two teams of five men each, to meet the Detroit Club on March 3. Arrangements were made for a tournament with Northwestern.—At a meeting of the Deutscher Verein further arrangements were made for the production of "Der Bibliothekar" under the direction of Professor Dieterle.—The Ohio Club held a smoker at their club room.—Various class tryouts were held for relay teams.—The freshmen medics held a smoker without interruption from upperclassmen.—The New York State Club elected the following officers: President, John E. Green, '07, Hammond; vice-president, Earl A. Haskins, '08*e*, Cortland; secretary, J. Blaine Coleman, Medina; treasurer, Frank C. West, '09*e*, Fredonia; house manager, William H. Pollard, '09*e*, Seneca Falls; assistant house manager, Roy A. Miller, '09*e*, Clarence; advisory board, Arthur W. Leete, '08*e*, Fredonia, and Raymond F. Nichols, '08*e*, Spencerport.—The Students' Bowling League held two contests.—Dean Wilbert B. Hinsdale gave a reception to the Faculty and students of the Homœopathic Department.

Monday, 18.—Albert D. Pearce, '08, of Pentwater, Mich., won first place in the junior lit oratorical tryout and will be their representative in the annual oratorical contest.—The Freshman Club held their weekly meeting at McMillan Hall. The subject for discussion was, "What Do You Know about Lincoln?"—The Chemical Colloquium was addressed by Professor Moses Gomberg, on "Tautomerism of the Triphenylmethane Series."—The freshman laws met and voted to attend their first basketball game in a body.

Tuesday, 19.—Two games in the interclass basketball series were held: junior engineers vs. senior laws, and senior lits vs. junior laws.—The sophomore girls played the senior girls in basketball.—The junior law oratorical contest was won by Wilbur D. Grommon, of Addison, Mich., whose subject was "The Tragedy of Labor."—The senior law practice court commenced its annual session.

Wednesday, 20.—Governor Albert B. Cummins of Iowa gave an address in University Hall under the auspices of the Students' Lecture Association, on "The State and the University." He was afterwards entertained at a banquet given by the Iowa Club.—The Sociology Club held its biweekly meeting.—In the basketball contests the '07 engineers defeated the '09 lits with a score of 30 to 16, and the '09 laws won from the pharmics with a score of 19 to 6.—The junior girls won the girls' class championship, defeating the seniors by a score of 3 to 0.—Tryouts for the Michigan Union minstrel show were held in Room C, University Hall.

Thursday, 21.—The following members of the Student Council were elected: Engineers, Louis E. Ayres, 08, Detroit, and Harry H. Frost, '08, Bay City; law, Carl F. Morrow, '08, Versailles, Ind.; medic, Earl P. Gregory, 08, Sidney, N. Y. The Literary Department elected Benjamin Harris, '08, Salt Lake City, as one representative, but cast a tie vote for Albert D. Pearce, 08, and Walle W. Merritt, Portland, Ore.—The Board of Regents met in executive session.—The fresh law oratorical contest was won by Lamar Williamson, of Monticello, Ark.—The Webster Society gave a Washington's Birthday program at their regular meeting.—A comedy

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entitled "Esmeralda" was given by students of the University and the School of Music.

Friday, 22.—Governor Charles E. Hughes of New York state delivered the annual Washington's Birthday address under the auspices of the Law Department.—The Medical Department celebrated Founders' Day in Barbour Gymnasium, the address being given by Dr. George Dock, on "The Medical Library."

Saturday, 23.—The Students' Medical Society announced plans for two more entertainments.—The Upper Peninsula Club gave a smoker.—The Indiana Club held a social session.—The Girls' Glee Club gave a concert in Sarah Caswell Angell Hall.

Monday, 25.—Leland T. Powers appeared in "The Rivals," on the S. L. A. course.

Tuesday, 26.—The Student Council met in the Michigamua rooms.—The Engineering Society was addressed by Dean Cooley on "The Appraisal of the Chicago Street Railway Systems."

Wednesday, 27.—The freshman lits held a dance in Barbour Gymnasium.—The senior lits held a class meeting.—The sophomore engineers scored 52 to 32 against the freshman lits in basketball contest.—The junior lits defeated the freshman medics by a score of 44 to 15.

Thursday, 28.—Tryouts for the minstrel show were held.

UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

COMMITTEE FROM LEGISLATURE VISITS ANN ARBOR

The house and senate University committees of the state legislature visited the University of Michigan last week, and spent Friday, March 1, in inspecting many of the buildings on the Campus.

Friday morning the committees inspected the engineering building, the general library, as well as both hospitals, lying at some distance from the Campus. During the afternoon the medical buildings, the chemical laboratory, the dental building and the gymnasiums were visited. The committees were shown about by President Angell, Dean Hutchins of the Law Department, Dean Cooley of the Engineering Department, and Regents Barbour, Dean, and others.

Considerable time was spent in the general library where the crowded condition and lack of really necessary space was pointed out to the committees. After seeing the library the visitors spent two hours at the University hospitals, where the details of the work were explained and the needs pointed out. The chemical laboratory was reached next and Professor Campbell led the way through a dark and dingy passageway to an ancient room still used as a lecture hall. The damp and unwholesome character of the place proved somewhat of a surprise to the party and was especially remarked.

The visitors arrived at Waterman gymnasium in time to see the athletes going through their daily work. Their enthusiasm was aroused to a high pitch by an exhibition relay race led by Captain Garrels and ex-Captain Ramey. The legislators cheered enthusiastically and congratulated Ramey when he finished a yard ahead of his opponent.

The committees while in Ann Arbor were entertained by Junius E. Beal, formerly a member of the Legislature, and President Angell. Among the visitors were chairman James D. Knight, W. J. Galbraith, F. G. Bennett, J. G. Standert, C. H. Farrell, Senator Kannane, Senator Russell and Senator Edenborrough.

THE UNIVERSITY HOSPITALS

The State of Michigan derives many benefits from its University at Ann Arbor; but chief among these is the work that is being done at the University hospital, an institution conducted in connection with the Medical Department. Here the best medical service in the state may be had; medical and surgical attendance and trained nurses are also furnished without charge to patients whose home is in Michigan.

Among the classes of patients for whom especial provision has been made are deformed children. Any child of Michigan birth that is born deformed is entitled to free treatment at the hospital provided the doctor present at the child's birth will certify that he was so present, that the child was born deformed, and that in his judgment it can be helped by treatment; and further provided that the mayor of the city, the president of the village, or the supervisor of the township in which the child lives will order the child cared for at the hospital.

The Board of Regents have recently granted a new building for the care of obstetrical patients so that they may receive the best of attention. Free service is rendered for one month prior to con-

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finement, until the patient is able to leave for home.

Another class of patients is drawn from the poorhouses. A great many superintendents of the poor are availing themselves of the privileges granted by the hospital and are sending in such of the worthy poor as may demand attention, to receive treatment at the hospital. The only charge made in these cases is for board, lodging and nurses. This expense is charged to the county from which the patient comes and the up-to-date Superintendent of the Poor realizes that by sending these patients to the University hospital he not only best serves humanity but assists many of the sick to become self-supporting who would otherwise, through lack of proper care, be dependent for life.

Perhaps the most important single step in the history of the hospital was the introduction of a training school for nurses in 1891. The course is a three year one and comprises actual service in the hospital as well as lectures by professors and instructors in the Medical Department. Upon satisfactory completion of the course a diploma is granted by the University of Michigan, of which institution the candidate may in every sense of the word be regarded as a student. Thus the association is made a great deal pleasanter than it would be if the candidate was working apart from its influences. Applicants must be graduates of a high school, of good moral character and physically capable of performing the duties of a trained nurse. Graduates are in frequent demand and a salary of $20.00 to $25.00 per week is nothing unusual. At present there are fifty-five pupil nurses in addition to the head nurses and officials of the training school.

One of the features of the hospital that appeals to the taxpayers of the State is the fact that it is self-supporting. The taxpayer does not contribute one cent towards the maintenance of the University hospital. Through the efforts of the superintendent expenses are kept at the minimum and the necessary charges are so nicely arranged that income and expense practically balance each year.

ART STUDY AT THE UNIVERSITY

Many opportunities are offered to students at the University of Michigan for art study, from the practical as well as the theoretical side. While there is no regular art department connected with the University there are many courses in drawing and in the theory of art in the engineering and architectural schools, as well as in the classical courses in the Literary Department. The training possible at the University differs essentially from that of an ordinary art school since it embraces the subject from many points of view, historical and philosophical, as well as practical.

In the ordinary art school the student is naturally drilled more thoroughly in technique; and theory of various kinds is disregarded or made subordinate. In the University artistic evolution and the study of aesthetics or the philosophy of fine art form quite as important a part in these courses as the actual drawing and painting. One might say that in the University one can obtain a good foundation for a general art education, while in the art school one must seek the special and technical education.

Many of the art courses of the University are connected with the department of architecture, although most of these are open to all students. There are, for instance, four lecture courses delivered by Professor Emil Lorch, the head of the new Department of Architecture, on the history of architecture. These lectures cover two college years of time, and give a complete survey of architecture, from the earliest times to the present. They are illustrated with lantern slides.

Two other lecture courses along the line of historical art are given by Professors Arthur Fairbanks and Francis W. Kelsey in the Departments of Greek and Roman Archeology. Professor Fairbanks discusses Greek art, especially the great sculptors of antiquity, and illustrates his remarks with lantern slides. Professor Kelsey does the same for Roman art; much interest is added to his course by his collection of specimens, consisting of tiles, small carved fragments of inscriptions and other examples of the civilization and art of the ancient Roman.

On the philosophical side of art come the courses in aesthetics, offered by Professor George Rebec, which outline the theories of beauty held by the great scholars and philosophers. These courses are required of students of architecture.

The technical courses in art, that is, those in drawing, painting, design, etc., are taught by Professor Lorch and his assistants. These include several courses in free hand drawing, starting with the most elemntary forms of block drawing, advancing to more complicated cast work. An elementary course in design, given by Professor Lorch, aims to develop and establish the principles of design. Other courses in design and historic ornament apply the theories of design to specific examples. In this line of work original designs in rugs, wall paper, jewelry, etc., are made by the students. Courses in water-color copy work, still life and free-hand drawing, are also given in the Engineering Department.

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ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

THE ROCKY MOUNTAIN ALUMNI MEETING

The Rocky Mountain Alumni Association of the University of Michigan held its sixth annual banquet at the University Club in Denver the evening of Saturday, Feb. 16. About sixty members were present, and although this attendance was not as large as at some of the former banquets held by the Association, the enthusiasm of those present made up for the lack of numbers.

The program of toasts was as follows: "President's Address," Cass E. Herrington, '79*l*; Toastmaster, Ex-Governor Charles S. Thomas, '71*l*; "The Yellow and Blue," Walter H. Nichols, '91; "Franchise Suits," Mel Emerson Peters, '91*l*; "Obiter Dicta," Clyde C. Dawson, '88*l*; "Stiffs," James R. Arneill, '94*m*; "How It Happened," Abram H. Felker, '02, '04*l*; "Ann Arbor," Frank C. Goudy, *l*'77-'78.

The report of the Secretary showed that the total membership was 338. Of this number 181 reside in Denver; 154 in Colorado outside of Denver, and 3 in Wyoming. The following officers were elected for the ensuing year: President, William H. Hinman, '72; Vice-President, Willis V. Elliott, '94*l*; Secretary and Treasurer, Thomas R. Woodrow, '98, '00*l*; Executive committee: Charles S. Thomas, '71*l*, Charles W. Waterman, '89*l*, and Thomas L. Wilkinson, '91*e*.

In addition to those named, the following were present: Willis V. Elliott, '94*l*; Charles S. Thomas, '71*l*; James R. Arneill, '94*m*; Mel Emerson Peters, '91*l*; Frank J. Annis, *l*'80-'82; Harry C. James '90-'91; Frank R. Ashley, '91; Warwick M. Downing, '95*l*; Robert T. Holland, '92; William H. Scofield, '06*l*; T. Webster Hoyt, '90*l*; Albert S. Pettit, '79; Edward T. Taylor, '84*l*; Charles W. Franklin, '83*l*; Charles W. Waterman, '89*l*; Lewis H. Kemble, '89*m*; George K. Beatty, '99-'03; William P. Kavanagh, '93-'96, *l*'98-'00; Peter D. Rothwell, '81*m*; Clarence W. Raynor, '98*e*; Richard D. Ewing, '96*e*; Rae H. Kiteley '99, A.M. '01; Walter S. Holmquist, '02*m*; William P. Harlow, '99*m*; Melvin J. Rowe, '03*m*; John M. Woy, '03*l*; William M. Bonnet, '74*m*; George H. Cattermole, '91*m*; Clarence F. Cochran, '67-'68; Eugene B. Houseman, '06; George H. Angell, '80-'81; Arthur MacGugan, '92*m*; Louis G. Carpenter, '81-'83; J. Wilber Gillespie, '95*l*, LL.M. '96; Edwin R. Parker, '92-'93; Thomas L. Wilkinson, '91*e*; Ralph W. Hartzell, '94*l*; Thomas R. Woodrow, '98, '00*l*; Julian G. Dickenson, '98; John Chase, '79, '81*m*; George C. Manly, A.M. '87, '87*l*; Harry W. Robinson, '99*l*; H. Gerard Effinger, '90-'92; George K. Andrus, *l*'80-'81; Gobin Stair, '03*l*; W. Carleton Packard, '03-'04; Napoleon Wagner, '79*l*; Archibald M. Maclean, '74*m*; Francis L. Grant, '92*l*; W. Harmon Hall, '83*d*; Frank C. Goudy, *l*'77-'78, Abram H. Felker, '02, '04*l*.

THE BANQUET OF THE BUFFALO ASSOCIATION

The twelfth annual dinner of the University of Michigan Alumni Association of Buffalo and Western New York was held March 1 at the University Club in Buffalo. Justice Alfred Spring, '70-'72, of the Appellate Division, acted as toastmaster. Dr. Robert M. Wenley, Professor of Philosophy, was the guest of honor from the University and spoke in response to the toast "Michigan Today." In addition to his speech Frank C. Ferguson, '77, Charles D. Newton, l'88-'89, Carlton C. Frederick, '77, Henry W. Willis, '02, and Frank J. Clark, '06, made short speeches.

The election of officers held at the same time resulted as follows: President, Hon. Alfred Spring, '70-'72; Vice-President, John A. Van Arsdale, '91; Secretary, Henry W. Willis, '02. The meeting adjourned at midnight after a vote of thanks to Dr. Wenley.

The guests present were as follows: Professor Robert M. Wenley; Hon. Alfred Spring, '70-'72, LL.D '01; Frank C. Ferguson, '77; John A. Van Arsdale, '91; Arthur H. Williams, '85; Frank F. Williams, '77; Henry W. Willis, '02; Josiah W. Willis, '73*e*; Frank J. Clark, '06; Philip W. Yallowich, *e*'02-'06; Leroy N. Kilman, '06*l*; Daniel E. Brong, '80*l*; Allen M. Moore, '78*m*; Walter S. Jenkins, '74-'76; Peter Erb, '79*h*; LeRoy Parker, *l*'65-'66; Carlton C. Frederick, '77; T. Selden Stewart, '83*m*; Elmore Palmer, '64*m*; James E. Haurahan, *e*'98-'00; Charles D. Newton, *l*'88-'89; William H. Dopp, '76; John J. Ryan, '83*l*; Robert R. McGeorge, '96-'99; Irvin L. Terry, '03*d*; George H. Hanover, '78; Chas. I. H. Moritz, '97*e*.

THE MEETING OF THE SPOKANE ALUMNI

Thirty-six alumni of the University of Michigan attended the fourth annual banquet given Feb. 22, at the Silver Grill, Spokane, Wash., elected officers, enjoyed the

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menu and to a greater degree the intellectual feast that followed.

The following officers were elected for the coming year: John J. Browne, '68*l*, Spokane, president; Professor Osmar L. Waller, *l*'83-'84, of Pullman, vice-president; and Edward B. Powell, '01*l*, Spokane, secretary and treasurer.

Among the alumni present were three graduates of the year 1868 and the college spirit showed as strongly in the graduates of 40 years ago as in those of the past year.

At the close of the banquet Edwin L. Kimball, '75*m*, as toastmaster, called the meeting to order and the following toasts were responded to: "Ideals of a College Man," William A. Huneke, '88*l*; "Happenings of the Year," Edward B. Powell, '01*l*; "A Student in '68," John J. Browne, '68*l*; "The College Educated Man," Benjamin H. Kizer, '02*l*; "Athletics up to Date," Arthur H. Coe, '88*m*; "The Cosmopolitan University," Rollin J. Reeves, '68*e*. One-minute speeches were given by Bruce Blake, '05*l*, Richard M. Barnhart, '99*l*, Frank D. Allen, '98*l*, and Robert M. Dye, '99*l*.

Those at the banquet were: Dale Strong, '00; George F. Clukey, '98; Arthur F. Benefiel, '99; Laurence R. Hamblen, '96*l*; Arthur H. Coe, '88*m*; Lloyd E. Gandy, '01, '03*l*; Willard W. Hindman, '91*l*; Carl H. Weisman, '04*m*, Carl W. Jones, *p*'91-'95; Alexander McLeod, '79*m*; Bruce Blake, '05*l*; Charles P. Lund, 96*l*; Edwin L. Kimball, '75*m*; George A. Downs '02*m*; Wallace V. Wolvin, '94*d*; William A. Huneke, '88*l*; Edward B. Powell, '01*l*; Benjamin H. Kizer, '02; Frank D. Allen, '98*l*; Richard M. Barnhart, '99*l*; Basil B. Adams, '99*l*; Winfred S. Gilbert, '99*l*; John J. Browne, '68*l*; Harold M. Dunphy, '06*l*; William Kletzer, '05*e*; Robert S. Cordiner, '05*l*; Peter T. Cordiner, '05*l*; Orville J. Saville, '00*l*; Samuel T. Jordon, '06; Ernest W. Wagner, '03*l*; Rollin J. Reeves, '68*e*; Robert M. Dye, '99*l*; Osmar L. Waller, *l*'83-'84.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'64

The medical class of 1864 will hold a reunion, Wednesday, June 19, 1907. Headquarters East Lecture Room, First floor.

Samuel Bell, '64, may be addressed at 361 Grand Ave. E, Beloit, Wis.

'66

David P. Robbins, '66*m*, was born in Ohio Co., Ind., November, 1845. During the war he served in the Army of the Cumberland with the 117th Indiana Vol. Inf., and in a hospital dispensary at Knoxville, Tenn. After the war he was graduated with the degree of M.D. from the University in '66, and located at Osgood, Ind. On his twenty-first birthday anniversary he was married, at Cambridge Springs, Pa., to Rose E. Durham, and continued in practice there until '71. He then retired to start a weekly newspaper. After eight years in the publishing business, he again engaged in medicine at Erie, Pa. He went to Florida in '85 for his health, where for three years he published a sanitary magazine. He returned to Erie in 1887, and for several years was manager of the Dispatch Publishing Co. In 1895 he discontinued publishing to become chief physician of an insurance fraternity, which position he held for several years until ill health obliged him to give it up. In 1904 he went South again for his health, and while convalescing he engaged in historical work. He has recently completed a history of Maury Co., Tenn. Dr. Robbins' permanent address is Erie, Pa.

'67

The class of '67 in all departments will hold its fourth decennial reunion on Alumni Day, Wednesday, June 19, 1907.

Lester W. Hanson, *m*'65-'67, M.D. (Dartmouth) '67, formerly of Barre, Vt., has removed to Montpelier, Vt.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

William L. Oge, '66-'68, may be addressed at 202 N. Main St., Los Angeles, Calif.

John Leeson, *m*'68-'69, is a physician at Cadillac, Mich.

Eleazar D. Price, '70*l*, has returned East, his theatrical interests on the Pacific Coast having been destroyed by the San Fran-

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PANORAMA OF THE CAMPUS

Old Heating Plant, New Medical Building (in the distance), Chemical Laboratory, Library, Old Engineering Building

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cisco disaster. He is now general manager of the Interstate Amusement Company, which controls Anna Held and other prominent stars, with headquarters at the Savoy theater, New York. Mr. Price was one of the principal speakers at the dinner given Feb. 1 to Clyde Fitch, the dramatist. It was while managing Richard Mansfield that Price gave Fitch his first opportunity by commissioning him to write "Beau Brummel."

'77

'77 Herbert M. Slauson, Ann Arbor, Secretary.
'77 m. O. S. Armstrong, 801 Washington Arcade Detroit, Secretary.

The class of '77 in all departments will hold its third decennial reunion on Alumni Day, June 19, 1907.

The medical class of '77 will hold their reunion during Commencement week in June. Dr. George W. Orr, Lake Linden, Mich., is president, and Dr. O. S. Armstrong, 601 Washington Arcade, Detroit, secretary.

The secretary will issue a brief class history during the present month, which will be mailed to all the members now living. The only reunion ever held by the class was in June, 1902.

'81

'81. Homer H. Kingsley, Evanston, Ill., Directory Editor.

Will Marsh, *m*'79-'80, was born in Chillicothe, Ohio, in 1854, and entered the University of Michigan with the class of 1880, registering from Chariton, Iowa. He afterwards pursued special studies in medicine at Kansas City, at the University of Missouri, in 1888, at Rush Medical College in 1893 and more recently in New York City. He located at Sierra Mojada, Coah., Mexico, in 1890, and is engaged in general practice there. He is married and has two children, a son and daughter.

Edward W. Lee, '81*m*, has changed his address in New York City from Hotel San Remo, to The Amidon, 83d St. and Broadway.

Walter Barlow, '81*l*, may be addressed at 282 Park St., Detroit, Mich.

Leon T. Canfield, d'78-'79, is practicing dentistry at 610 The Auditorium, Toledo, Ohio.

Frederick B. Clapp, *d*'79-'80, D.D.S. (Philadelphia) '81, is practicing his profession at 252 Main St., Kenosha, Wis.

'86

Herbert J. Hindes, '82-'84, may be addressed at 21 Park Row, New York City.

Edward C. Miller, '86*l*, may be addressed in care of the U. S. Pension Bureau, Washington, D. C., or, for the present, at 78 Morris St., Ogdensburg, N. Y.

William A. F. May, '86*l*, is employed as clerk in the office of the general superintendent of the Santa Fe Railway, Cor. Third & Hill, Los Angeles, Calif. He resides at 102 Atlantic, Long Beach, Calif.

George H. Watson, '86*d*, may be addressed at 7 Parizer Platz, Berlin, Germany.

'87

'87 Louis P. Jocelyn, Ann Arbor, Secretary.

The class of '87 in all departments will hold its twentieth reunion on Alumni Day, Wednesday, June 19, 1907.

John A. Fairchild, '87*l*, has changed his address in San Francisco, from 2193 Fillmore St., to 45 Geary St.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Galen G. Crozier, '94, '99*m*, is in this country on a furlough of about a year. He hopes to return to Tura, Assam, India, sometime during 1908. Address 3651 Carnegie Ave., S. E., Cleveland, Ohio.

Alfred B. Olsen, '94*m*, B.S. (Bio.) '95, M.S. '96, may be addressed at The Sanitarium, Caterham, Eng.

Fred W. Smith, '94*l*, may be addressed at 102 W. Willis Ave., Detroit, Mich.

Marion F. Nichols, '89-'91, '94*p*, has specialized as a leather trade chemist. Address, 1066 Wealthy Ave., Grand Rapids, Mich.

James A. McIndoe, '94*d*, may be addressed at Norway, Mich.

Alfred W. Hall, '94*d*, has removed from Chicago to 3910 N. E. 14th Ave., Seattle, Wash.

Beaumont H. Kaighn, *d*'91-'93, D. D. S. (Cincinnati) '96, may be addressed at 5 E. 5th St., Newport, Ky.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

George H. T. Shaw, '91-'92, has met with success as a civil engineer, and is now located at Apartado 77, Toluca, Mexico.

James M. Wasson, '91-'92, *e*'95-'96, may be addressed at the Appraiser's Bldg., San Francisco, Calif.

Wallace W. Chickering, '95*e*, who has for several years held an important position in the factory of Fairbanks, Morse and Co., at Beloit, Wis., has resigned to become partner with his two brothers in the manufacture of pianos. After a few weeks in the Chickering Bros. factory at Chicago, familiarizing himself with busi-

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ness details, he expected to make a trip through the large cities of the west in the interests of the firm.

Philip H. Waters, '95*l*, is an example of the successful colored man in the South. He was recently unanimously elected clerk of the finance committee of the West Virginia Senate, and was at one time secretary of the democratic caucus of the house in spite of the fact that he is a prominent Republican. It has fallen to his lot to second the nomination of every Republican nominee for Governor of his state since 1892. He is well known as an orator and expert statistician.

'96

'96l. Ray G. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Mrs. Carlotta Goldstone Glynn, '96, may be addressed at 1307 S. Jefferson Ave., Saginaw, Mich.

Sergius P. Grace, '96*e*, E.E. '04, chief engineer of the Central District and Printing Telegraph Company, Pittsburgh, Pa., writes of a dinner and banquet recently held at Pittsburgh by the American Institute of Electrical Engineers at which about thirty graduates of his Alma Mater were present.

Mrs. Jesse G. Yont, (Katherine E. Geiger), '96*m*, may be addressed at 2330 Washington Ave., Denver, Colo.

William H. Anderson, '96*l*, has changed his address from Buffalo, N. Y., to 409 The American Bldg., Baltimore, Md.

Fred H. Gaston, '96*l*, is city editor of "Spokesman Review," Spokane, Wash.

John B. Archer, '96*l*, has removed from Detroit to Fort Wayne, Ind.

John F. Jewell, '96*l*, entered the United States consular service at Martinique, West Indies, June 9, 1902, and remained there until June, 1906, when he was promoted to the consulship at St. Michaels, Azores.

Ross Porter, '92-'93, '96*d*, formerly of Marienville, Pa., has removed to 34 Seneca St., Oil City, Pa.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.

'97l. William L. Hart, Alliance, Ohio, Directory Editor.

The class of '97 in all departments will hold its decennial reunion on Alumni Day, Wednesday, June 19, 1907.

Elbert A. Read, '93-'94, is still at the old stand as cashier of the First National Bank of Shenandoah, Iowa. A report of the bank's status shows a steady increase of deposits during the last year, amounting to over one hundred thousand dollars.

Charles H. Mooney, '97, is president and general manager of the New Dixie Lyceum Bureau located at Columbus, Miss. The firm is filling appointments throughout the southern states.

Ralph Collamore '97, may be addressed at 25 Hancock Ave. W., Detroit, Mich.

Homer G. Long, '97*m*, may be addressed at Copley, Ohio.

Delmer W. Stoup, '97d, formerly at Monroeville, Ohio, is now practicing his profession at Norwalk, Ohio.

Harry A. McGrath, *d*'94-'96, may be addressed at 2168 N. Clark St., Chicago, Ill.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

The first decennial reunion of the class of '98m. will be held on the Campus at Ann Arbor, Alumni Day, June, 1908.

Karl K. Stevens, '98, has changed his address from Dayton, Tenn., to Bristol, Va.-Tenn., where he may be addressed in care of the Virginia Iron, Coal & Coke Co.

A. Clare Reed, *e*'95-'97, '98-'99, is now chief engineer of the Mayari Division of the Spanish American Iron Company, Mayari, Provincia Oriente, Cuba.

M. Hubert O'Brien, '98*l*, has been appointed marshall of the United States court which was recently established in Shanghai, China.

Robert L. Campbell, '98*l*, is an attorney at law at Kalamazoo, Mich. Address, 509 Telegraph Bldg.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.

The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Martha E. Wyant, '99, formerly of Sigourney, Ia., may now be addressed at 18 E. Center St., Logan, Utah.

Edwin A. Hughes, '99*e*, formerly of Elkhart, Ind., is now at Douglas, Ariz.

George F. Greenleaf, '92-'95, '99*m*, is a physician in the Mary Jane Gilbert Memorial, a private sanitarium at Evansville, Ind. Address, 120 Upper Third St.

Frederick W. Heatherly, '99*l*, has changed his address in Los Angeles, Calif., from 503 Bradbury Bldg., to 203 Severance Bldg.

Francis L. Wurzburg, *l*'96-'97, is now with the Dry Goods Economist, 200 Greene St., New York City, and resides at 142 Fisher St., White Plains, N. Y.

George H. Mengel, '99*d*, last heard from at Bucyrus, Ohio, has opened offices in the Trust Bldg., El Paso, Tex.

Philip R. Thomas, '99*d*, is located at Hibbing, Minn.

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'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Harry M. Robins, '00, formerly with the John Brenner Company of San Francisco, is now connected with the C. S. Paine Company, manufacturers of upholstered furniture at Grand Rapids, Mich. He and his wife, M. Justina Spottswood, '01, may be addressed at 9 Windsor Terrace.

Frank D. Eaman, '00, *l*'00-'01, has been appointed assistant prosecuting attorney of Wayne County at Detroit, Mich.

Paul Cheever, '00*e*, is in charge of the preliminary work to the building of a Power Plant on the Salmon River, Oswego Co., N. Y. He may be addressed at Altmar, New York.

Mrs. Louis C. Nisbett (Frances E. Tripp), '00, may be addressed at Houston Heights, Tex. Lock Box 31.

Lyford W. Warfield, '00, '02*l*, may be addressed at 305 Crocker Bldg., Des Moines, Iowa.

Mark B. Beattie, '00*e*, has changed his address from Chicago to care Fairbanks, Morse & Co., Louisville, Ky.

Elbert J. Tower, '00*d*, has removed from Albion, Mich., to Cedar Springs, Mich.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

The class of '02 in all departments will hold its first reunion on Alumni Day, Wednesday, June 19, 1907.

Ida A. Green, A.M. '02, Ph.B. (Oberlin) '00, may be addressed at 811 G St. N. W., Washington, D. C.

Paul G. Agnew. A.M. '02, of Hillsdale, Mich., is now employed as laboratory assistant in the Bureau of Standards, Washington.

Leonard O. Meigs, '02*l*, is secretary of the House of Representatives of the Washington Legislature during the present session.

Gordon D. Eveland, '02*l*, is prosecuting attorney of Snohomish Co., Washington. Address, Everett, Wash.

Bert L. Hubbell, '02*l*, is prosecuting attorney for Cowlitz County, Washington. Address, Kelso, Wash.

J. Homer Sullivan, '02*l*, announces the removal of his offices for the general practice of law to Suite 1119-20 Ashland Blk., N. E. Cor. Clark and Randolph Sts., Chicago, Ill.

Martin E. Luther, '02*p*, opened a drug store in the suburbs of Kalamazoo in April, 1906. Address, Cor. North St. and Douglas Ave.

Herbert B. Lowes, '02*d*, is located at Pontiac, Mich.

William R. Alvord, *d*'99-'01, is practicing dentistry in Battle Creek, Mich. His business address is 5-7 Post Office Bldg., and his residence address is 36 N. Michigan Ave.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.
'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.
'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.
'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.
The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Maude E. Allen, '03, of Ypsilanti, Mich., has been elected instructor in Latin and German in the Central Normal at Mount Pleasant.

Mary H. Dewey, '03, (Mrs. Howard S. Reed) may be addressed at 1444 Q. St. N. W., Washington, D. C.

Arthur C. Wheeler, '03*e*, is located at Grande Island, Subig Bay, P. I., but receives his mail at Manila, seventy miles distant. Address, care U. S. Eng. Office, Manila, P. I.

William H. Radford, '03*e*, is now employed as commercial designer for the Olds Motor Works, at Lansing, Mich. His address is 108 Short St.

John G. Barada, '03*e*, is with the Signal Engineer's Office of the G. H. & S. A. R. R., Houston, Texas.

Edward W. Tuttle, '03*l*, is a member of the firm of Cryer & Tuttle, lawyers, at Los Angeles, Calif. Address, 191 W. 41st St.

James C. Wilhoit, '03*l*, may be addressed at Wewoka, Ind. Ter.

Frederick J. C. Klocke, '03*p*, may be addressed at Charlotte, Mich.

Fred J. Frueh, '03*p*, is now with Walter K. Schmidt and Company, Grand Rapids, Mich. Address, 18 Pettibone St.

Benjamin H. Haug, '03*p*, may be addressed in care of Latham and Company, Bombay, India. He has been the eastern representative of Frederick Stearns and Company since 1903.

Anthony E. Block, '03*p*, is pharmaceutical chemist with A. H. Lyman and Company, Manistee, Mich.

Gustave Wilson, '03*h*, is with the Southern California State Hospital, at Patton, Calif.

Hyacinth L. Field, '03*d*, is located at 23 Park St., Park Lane W., London, Eng.

Elmer O. Gillespie, '03*d*, has removed from Negaunee, Mich., to Stephenson, Mich.

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'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.

Helen M. Stevens, '04, has changed her address from Alpena, to Gladwin, Mich.

Jennie D. Fisher, '04, has changed her address from Steubenville, Ohio, to 50 Ludlow Ave., Lindenwald, Hamilton, Ohio.

Glenn C. Beechler, '04, LL.B. '06, is in charge of the department of elocution at Butler College, Indianapolis, Ind.

Sarah S. Hardy, '04, is teaching English in the Toledo O. High School, and may be addressed at 2122 Ashland Ave., Toledo, Ohio.

Pearl K. Archer, '04, of Battle Creek, is spending the year at Ann Arbor, studying for her master's degree.

Belle Spore, '04, is teaching Latin and English in the Western High School at Bay City, Mich. Her address is 106 Campau St.

John W. Seens, '04*e*, has changed his address in Detroit to 66 Hastings St. Mr. Seens is in charge of one of the drafting squads of the Canadian Bridge Co., Ltd., of Walkerville, Ont.

William G. Carhart, '04*m*, who has been an instructor in the department of pathology and bacteriology in the University of Missouri, Columbia, Mo., has gone to Asherville, N. C., where he may be addressed at the Winyah Sanitarium.

Arthur K. Bennett, '04*m*, has removed from Bahrein, Arabia, to Busrah, Turkish Arabia, via Bombay.

Harrison W. Jones, '04*m*, has returned from New Mexico to Arthur, Ill.

Clarence A. Fisher, '04*l*, has removed from Steubenville, Ohio, to 610 City National Bank Bldg., Canton, Ohio.

Austin L. Richardson, '04*l*, is now in partnership with Charles E. George, '80*l*, with offices at 37 and 38 Campau Bldg., Detroit, Mich.

Warren B. Burrows, '04*l*, is engaged in the practice of law at Poquonoc Bridge, New London, Conn.

William M. Heston, '04*l*, '04-'05, is practicing law at 410 Hammond Bldg., Detroit, Mich.

Matthew H. Galt, '04*l*, formerly with the Frisco System, St. Louis, Mo., is now engaged in the practice of law with offices at 411 Baker Blk., St. Louis, Mo.

Glenn R. C. Faling, '04*l*, formerly of Kalamazoo, Mich., may now be addressed at 319 The Spitzer, Toledo, Ohio.

Mabel L. Berger, '04*p*, continued her work as pharmacist for two years after graduation, being employed in Colton, Calif., and Riverside, Calif., but resigned in January, 1906, to become Mrs. S. Grant Larson. Her address is 471 E. Fifth St., Riverside, Calif.

Leon A. Stebbins, '04*d*, is located at Lawrence, Mich.

Grace P. Rogers, '04*d*, is engaged in the practice of dentistry at 4 Adams Ave. W., Detroit, Mich.

'05

'05. G. William Barnum, Class Secretary, 170 Humboldt Blvd.
'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.
'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.

Oscar H. Wurster, '05, M.S. '06, has changed his address from Ann Arbor, to 411 Poplar St., Cincinnati, Ohio; where he is with the M. Werk Company.

Clement Holderman, '05, '06*l*, has resigned from the faculty of Butler College, where he has had charge of the department of elocution. He has accepted a position in the Chicago offices of the New York Central Railway Company.

As decided at the final class meeting, June, 1905, the '05 engineering class will hold its first reunion Alumni Day of Commencement Week, June, 1907, on the Campus at Ann Arbor.

Mortimer C. Nichols, '05*e*, is in the Bridge Department of the Lake Shore Ry., Cleveland, Ohio.

Rollo W. Detwiler, '05*e*, is now draftsman with Whitehead and Kales Iron Works, Detroit. Address, 216 Hancock Ave. W.

John J. Woolfenden, '05*e*, is in the office of Brush and Allen, Engineers, Detroit. Address, 25 Alexandrine Ave. E.

Clarence R. Jones, '05*e*, is mechanical engineer for the Murphy Power Co., Detroit. Address, 790 4th Ave.

Charles E. Hayes, '05*e*, may be addressed at 503 Third St., Hibbing, Minn.

Reginald H. Towler, '05*e*, formerly with the Great Lakes Engineering Works, is now with the Canadian Ship Building Co., Toronto, Canada.

John H. Hunt, '05*e*, is instructor in electrical engineering, Washington University, St. Louis, Mo. Address in care of the University.

William K. Wilson, '05*e*, who has been ill at his home in Ypsilanti recently, has returned to Schenectady, N. Y., with the testing department of the Western Electric Co.

An effort was recently made to organize the thirty-two members of the '05 engineering class in Detroit. On the evening of February fourth, some twenty of

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them spent two hours renewing old friendships and perfected arrangements for a class supper to be held the first Monday of every month at the Griswold House. A cordial invitation is extended to any "'05*e*" who happens to be in Detroit on these occasions. Those present at the first meeting were Walter K. Blakeslee, Rolland B. Barrett, Rollo W. Detwiler, Charles A. Handeyside, John Gale, Sidney T. Harding, Charles K. Houston, Clarence R. Jones, George M. Lazell, William L. Pearson, Arthur M. Rebstock, Edwin Schneck, Dee J. Starrett, Fred R. Temple, Ralph R. Tinkham, C. C. Van Valkenburgh, Karl E. Vogel, Don B. Webster, William K. Wilson and Otto S. Zelner.

William S. Cochrane, '05*l*, may be addressed in care of the Commissioner of the Five Civilized Tribes, Muskogee, I. T.

Walter D. Cole, '05*l*, is located at Tonopah, Nev., in the heart of the mining district. He is associated with J. P. O'Brien, and may be addressed at P. O. Box 401.

Frank Hamilton, '05*p*, is a partner in the drug firm Krummel & Hamilton, Circleville, Ohio.

Claude W. Lewis, '05*p*, is drug clerk with a Detroit firm. Address, 747 Woodward Ave.

Louis M. Guillermety, '05*p*, is filling the position of clerk in the "Farmacia Guillermety," San Juan, P. R.

Cornelius J. Dutmers, '05*p*, is in partnership with his father in the drug business located at 33 S. Division St., Grand Rapids, Mich.

Florence M. Meek, '05*p*, is employed as analytical chemist with Frederick Stearns & Co., Detroit, Mich.

Russell G. Gordanier, '05*d*, is located at Muir, Mich.

Eugene F. Strom, '05*d*, may be addressed at 24 Ostbohn Strasse, Landau, Germany.

Clayton G. Bailey, '05*d*, is practicing at Lansing, Mich.

Ralph F. Merritt, '05d, is located at Albion, Mich.

Bertrand J. Howlett, '05*d*, is practicing dentistry at Albion, Mich.

Robert McCann, '05*d*, has removed his practice from Mt. Pleasant to Clare, Mich.

De Lyle W. Peterson, '05*d*, is practicing in Cleveland, Ohio, where his address is corner Warren Road and Detroit Ave.

Clare A. Howland, '05*d*, is practicing at Rochester, N. Y., where he may be addressed at 21 Upton Park.

'06

'06e. Edward J. Creighton, Canadian Bridge Co. Walkerville, Ontario, Secretary.

Anna A. Zahn, '06, is teaching Latin and German at Paw Paw, Mich.

Cecil H. Williams, '06, is spending some time abroad. His address is Rheinstrasse No. 12, Freiburg i. Breisgau, Germany.

Mrs. Belle Maclean Willson, '06, may be addressed at 738 W. Fullerton Ave., Chicago, Ill.

Harley K. Legg, '06, is practicing law in Detroit, Mich. Address, 1214 Majestic Bldg.

Charlotte Z. Aldrich, A.M. '06, of Holt, Mich., is teaching this year at Sturgis, Mich.

Lorin H. Bailey, '06, has changed his address from Omaha, Neb., to Bureau of Chemistry, Washington, D. C.

Mabel R. Collins, A.M., '06, is teaching Latin and German in the high school at Calumet, Mich. She may be addressed at 206 Rockland St.

John B. Fisher, '06*e*, has changed his address from Detroit, Mich., to 111 Plainfield Ave., Grand Rapids, Mich.

Michael A. O'Donnell, '06*l*, may be addressed at 413 Keith & Perry Bldg., Kansas City, Mo.

J. Robert Waller, '05-'06, B.C.L. (Yale), is pursuing studies at Oxford University, and may be addressed at 22 Worcester Place, Oxford, Eng.

Allen G. Fletcher, '06*l*, is with the law department of the Title, Guarantee and Trust Co., 176 Broadway, New York City.

Morris D. Mackoy, '06*d*, holds the position of assistant in operative dentistry in the dental department of his Alma Mater. Address, 1126 Washtenaw Ave., Ann Arbor, Mich.

Charles W. Ringler, '06*d*, has begun the practice of his profession at Big Rapids, Mich.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1895. Minnie Pearl Howell, '95, to Theodore Lindquist, at Kankakee, Ill., June 16, 1906. Address, Wahpeton, N. Dak.

1895. Marian Sara Parker, '95*e*, to Albert E. Madgwick, at Portland, Ore., Feb. 21, 1907. Address, 402½ Clay St., Portland, Ore.

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1897. Harriette Alvira Brown, '93-'95, to Fred Miller McCreary, at Lake Forest, Ill., Dec. 22, 1904. Address, Buckley, Wash.

1897. Oceana Ferrey, '97, to Clayton Anderson Spalding, at Lansing, Mich., Feb. 14, 1907. Address, Lansing, Mich.

1898. Margaret Van Ness Phelps, '98, to Leroy Jones, at Ann Arbor, Mich., July 16, 1902. Address, Hoopeston, Ill.

1898. Dwight Joseph Turner, '98*l*, to Florence M. Phillips, at Toronto, Ont., Can., Jan. 23, 1907. Address, 106 Madison Ave., Toronto, Ont.

1900. Paul Cheever, '00*e*, to Anna Margaret Shirriff, at Niagara Falls, Canada, Jan. 31, 1907. Address, Altmar Oswego Co., N. Y.

1901. Arthur Howard Richardson, '01*e*, to Gertrude Avis Larsen, at Manistee, Mich., Nov. 29, 1906. Address, 103 Holly Court, Oak Park, Ill.

1902. Teresa Elizabeth Evans, '02, to James Roe Roper at Crystal Falls, Mich., Jan. 31, 1907. Address, 309 Main St., Menominee, Mich.

1903. Willard John Dolph, '03*e*, to Eva Viola Barney, at Detroit, Mich., Dec. 27, 1906. Address, Wilkinsburg, Pa.

1903. Merritt Leigh Runner, '03*e*, to Adella May Clark, at Pentwater, Mich., Sept. 12, 1906. Address, Nagel Electric Co., Toledo, Ohio.

1904. Burton Singley Wellman, '04*l*, to Blanche Gardner, '04, at Worthington, Ohio, Feb. 21, 1907. Address, after April 1, 306 S. Boulevard, Dayton, Ohio.

1905. Nellie Mae Kellogg, '05, to Louis J. Van Schaick, at Manila, P. I., Aug. 1, 1906. Address, Executive Mansion, 73 Calle Arsenal, Cavite, P. I.

1905. Bertha Grace Killen, '05, to Harry Garfield Houghton, '06, at Marion, Ind., Jan. 1, 1907. Address, Woodberry Forest School, Orange, Va.

1905. Myrtle Leah Perrigo, '05, to John Sharpless Fox, Ph.D. '06, at Allegan, Mich., June 27, 1906. Address, 317 E. 57th St., Chicago.

1906. John Sharpless Fox, Ph.D. '06, to Myrtle Leah Perrigo, '05, at Allegan, Mich., June 27, 1906. Address, 317 E. 57th St. Chicago, Ill

1906. Harry Garfield Houghton, '06, to Bertha Grace Killen, '05, at Marion, Ind., Jan. 1, 1907. Address, Woodbury Forest School, Orange, Va.

1906. George Edward Snell, '06*l*, to Jesse Gray Arnott, at Tarkio, Mo., June 27, 1906. Address, 503 N. 32d, Billings, Mont.

1906. Frank Clarence Witter, '06*m*, to Lena Lyle Armstrong, at Lapeer, Mich., Feb. 14, 1907. Address, Ann Arbor, Mich.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department

1846. George Pomeroy Androus, A.B., d. in New York City, Aug. 16, 1906, aged 82. Buried at Fair View, N. J. (This class is now extinct.)

1857. Thomas Crawford McNeill, A.B., A.M. '61, *m*'57-'58, M.D. (Univ. of Pa.) '60, d. at Paris, Tenn., Feb. 9, 1907 aged 76.

1871. William Merrill, Ph.B., d. in Boston, Mass., Feb. 16, 1907, aged 56. Buried at Saginaw, Mich.

1895. Abigail Stuart Gaudern, Ph.B., d. at Pioneer, Ohio, Dec. 17, 1903 ,aged 37.

1899. Paul Adolph Moses Ph.B., LL.B. (Harvard) 1902, d. in Chicago, Ill., Feb. 10, 1907, aged 29.

Medical Department

1863. Charles Steele Merrill, d. at Kankakee, Ill., Feb. 5, 1907, aged 74.

1866. John Keys Johnston, d. in Philadelphia, Pa., March 21, 1903, aged 66.

1874. Tinnie Sarah Lawrence, d. at Emporia, Kans., 1882, aged 40.

1877. Alexander Clarkson Burns, d. at Huntington, W. Va., Feb. 2, 1907, aged 58.

1904. William Harrison Kennedy, d. at Muskegon, Mich., Feb. 6, 1907, aged 38.

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Law Department

1887. Thomas Adams, *a*'87-'88, d. in Salt Lake City, Utah, Oct. 11, 1905, aged 43.

1892. Jean La Rue Burnett, d. at Albany, N. Y., Feb. 26, 1907, aged 36. Buried at Canandaigua, N. Y.

1902. Frederick Gates, d. in Buffalo, N. Y., April 3, 1906, aged 26.

1904. Edson W. Coale, d. in Salt Lake City, Utah, Feb. 12, 1907, aged 26.

School of Pharmacy

1885. James Edward McCrilles, d. at Fayette, Ohio, Feb. 28, 1900, aged 40. Lake City, Utah, Oct. 11, 1905, aged

1896. Frank Howard Wilson d. at Virginia, Ill., Sept. 17, 1902, aged 27.

Homoeopathic Medical College

1878. Charles Eugene Walker, d. at Rochester, N. Y., April 17, 1905, aged 50. Buried at West Henrietta, N. Y.

HONORARY

1887. Joshua Allan Lippincott, LL.D., D.D. (Franklin and Marshall Coll.) '82, d. at Los Angeles, Calif., Dec. 30, 1906, aged 72. Buried at Kansas City, Mo.

NON-GRADUATES

Abel Clinton Bingham, *m*'55-'56, d. in Chicago, Ill., Dec. 27, 1906, aged 77. Buried at Harvard, Ill.

Jabez Smith Cook, *m*'51-'52, d. at Crab Orchard, Mo., June, 1858, aged about 31. He served in the Mexican War.

Margaret Cooper, *m*'90-'91, d. at Battle Creek, Mich., Jan. 20, 1907, aged 67.

Ellis Mead Farrelly, *m*'61-'62, M.D. (Louisville) '64, d. at Townville, Pa., July 28, 1900, aged 57. Buried at Lyona, Pa.

Henry William Haslit, *m*'78-'79, M.D. (Missouri) '88, d. at Terre Haute, Ind., Jan. 22, 1907, aged 58.

David Hollister, *m*'62-'64, d. at Traverse City, Mich., May 29, 1905, aged 76. Buried at Andersonville, Mich.

Frederick Weller Jones, *a*'80-'81, M.D. (Rush) '86, d. at Appleton, Wis., Jan. 29, 1907, aged 45.

Francis McGuire, *m*'57-'58, M.D. (Rush) '68 d. at St. Cloud, Minn., April 11, 1906, aged 70. Buried at Blue Earth City, Minn.

Isaac A. Myers, *m*'65-'66, M.D. (West. Res.) '67, d. at Shelby, Ohio, Feb. 9, 1907, aged 67.

Joseph Emmet Sansom, *m*'75-'76, M.D. (Rush) '78, d. at Tipton, Iowa, Feb. 25, 1907, aged 56.

William Whitman Sherwin, *a*'72-'75, d. at Elgin, Ill., Feb. 28, 1907, aged 52.

Francis Lansing Stone, *m*'62-'63, M.D. (Bellevue) '65, d. at LeRoy, N. Y., Jan. 22, 1907, aged 72.

Marvin W. Thacher, *m*'55-'57, '64-'65, M.D. (Long Island) '65, d. at Coldwater, Mich., Jan. 31, 1907, aged 74.

Samuel Smallpage Towler, *m*'72-'73, d. at Marionville, Pa., June 19, 1900, aged 56.

George Joseph Waggoner, *m*'51-'53, M.D. Phila. Homœo.) '55, d. in Kansas City, 1904.

Jacob Francis Whiting, *m*'78-'79, d. at Spencer Brook, Minn., Feb. 13, 1907, aged 61.

OBITUARIES

JEAN LA RUE BURNETT

Jean LaRue Burnett was born at Canandaigua, N. Y,. and received his early education in the public schools of his native town. Later he entered the University and was graduated with the law class of 1892. While in Ann Arbor he organized, with four undergraduates, the American Collegiate Republican League, an organization which gained a national reputation for its influence in the campaign of 1892. Its membership numbered 60,000. During the campaign his ability as a speaker attracted the attention of a number of men of national influence and he was prevailed upon by the Republican State Committee to become one of its speakers for the Republican party. In 1899 he was first elected to the New York State Assembly and was made a member of the committee of General Laws, of Affairs of Cities, and Public Health. He was also for several years chairman of the Cities Committee. He died at Albany, Feb. 26, of acute pneumonia. The senate and the assembly adjourned at 12:30 on receiving announcement of his death.

EARLE INGERSOLL HOUSTON

Earle Ingersoll Houston was born at Marshall, Mich., in 1881 and died of consumption at Monrovia, Calif., Jan. 20, 1907. He entered the University with the class of 1903 and was graduated from the Litrary Department. While in college he took an active part in the affairs of the Mich-

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igan Daily, and became managing editor in his senior year. In the fall of 1903 he returned to Ann Arbor as assistant to Charles Baird, but left in the middle of the year for Los Angeles, Calif., where he held a position on the advertisng staff of the Times until his health failed him. Earle Houston had an exceptionally keen mind and the prospects for his future success were brilliant. His father, Dr. I. W. Houston, was graduated from the University in the medical class of 1877 and is now a practicing physician at Marshall. He brought the remains of his son from California to Marshall for interment.

THOMAS CRAWFORD McNEILL

Thomas Crawford McNeill was a native of Carroll Co., Tenn. He was graduated from the Literary Department of the University in 1856 and from the Chemical and Pharmaceutical Department a year later. In 1860 he finished a course of medical studies at the University of Pennsylvania, and after practicing a short time, he became surgeon of Russell's regiment of Tennessee cavalry under General Forrest. With them he served until the end of the war. He then settled at Paris, Tenn., in the drug business, and was prominent as a business man there until a stroke of paralysis compelled his retirement four years ago. He was married Feb. 22, 1862, to Lucy E. Randall, niece of Senator Isham G. Harris of Tennessee, who, with one sister, survives him. He died at his home Saturday, Feb. 9, 1907.

PAUL ADOLPH MOSES

Paul Adolph Moses was born in Chicago, Nov. 25, 1877, the youngest son of Adolph Moses, proprietor of the National Corporation Reporter. He was graduated from the South Division High School, Chicago, in 1895, and immediately entered the University. Graduating from the University in 1899, he concluded to take a course of law study at Harvard, and entered upon his studies there in the fall of the same year. Upon completing his law course, he settled in New York City, entering the offices of Alexander & Colby in 1902. Here he remained for one year, and then he associated himself with Underwood, Van Vorst & Hoyt, where he remained until ill health compelled him, a year ago, to give up his legal work. During his connection with the New York bar he wrote several articles which attracted widespread notice, and after the death of his father, the founder and editor of the National Corporation Reporter, he took his place, and for eight months the editorial columns of that paper represented his work. He died Sunday, Feb. 10, 1907, after an illness of over a year.

THE SECRETARY'S REPORT

To the Board of Directors of the Alumni Association of the University of Michigan, I beg to submit the followng report from Jan. 9, to March 2, 1907:

Receipts.

Annual memberships	$ 589	15
Endowment memberships (usable)	67	00
Endowment memberships (permanent fund)	267	87
Adv. in ALUMNUS, Cash	236	20
Adv. in ALUMNUS, Trade	49	05
Sale of ALUMNUS		40
General Printing Acc. (sale of songs)		25
J. H. McCormick on acc.	15	00
Subscription acc.		75
Express on electros		25
Bank charges	2	00
Fixtures acc. (Daily, for cut cabinet)	15	00
	$ 1242	92
Cash on hand Jan. 9	$17260	70
	$18503	62

Expenditures

Per Vouchers 946 to 964.

ALUMNUS Adv. Mgr.	$ 201	65
ALUMNUS Postage	78	86
Adv. account	2	60
Catalogue Revision	38	91
Engraving	27	23
Incidentals	8	45
Gen'l Printing and Stationery	6	10
Office Help	172	00
Postage general	32	75
Reading Room Expense	2	50
Salary	235	00
Subscription account	26	35
	$ 832	40
Endowment Fund, Cash	$2541	50
Endowment Fund, Bonds	$15000	00
Cash on Hand	$ 129	72
	$18503	62

Respectfully submitted,

WILFRED B. SHAW,
General Secretary.

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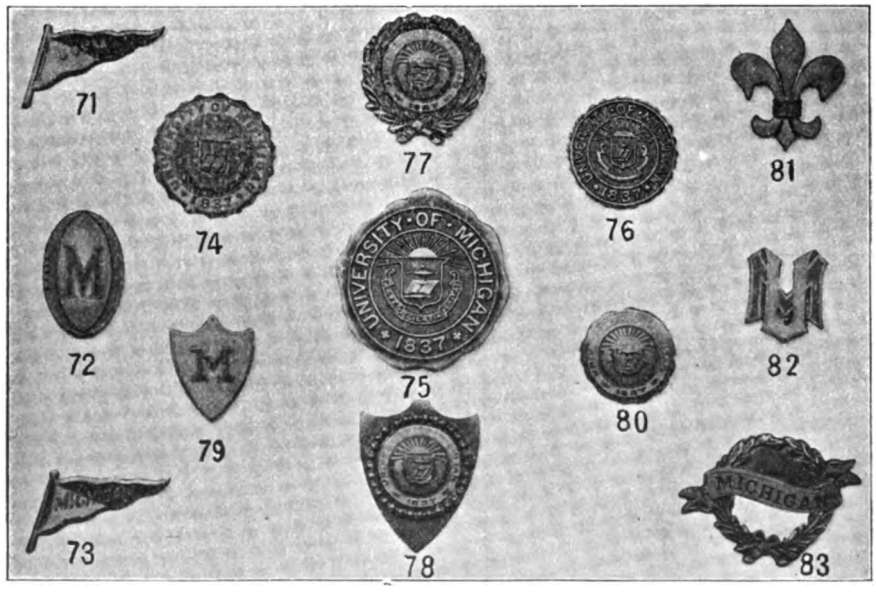

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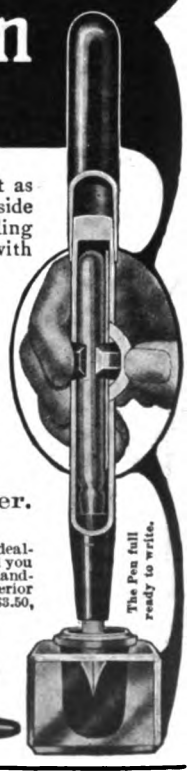

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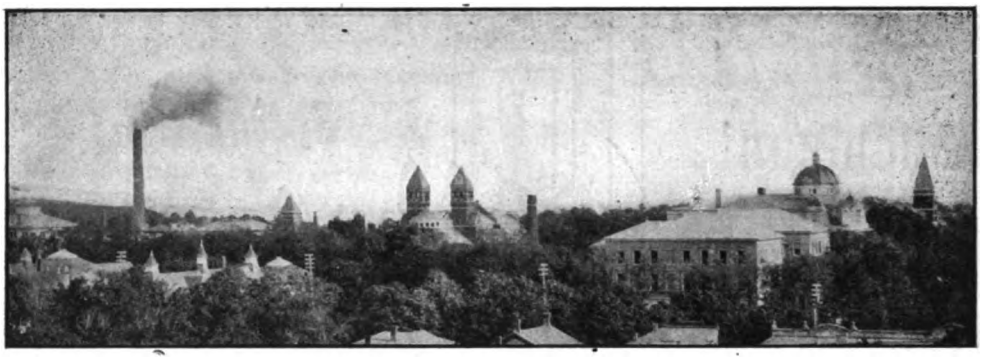

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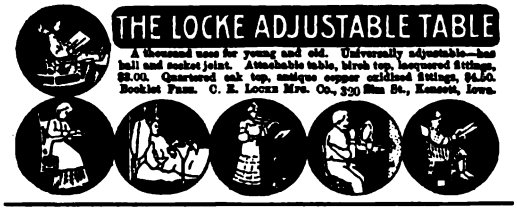
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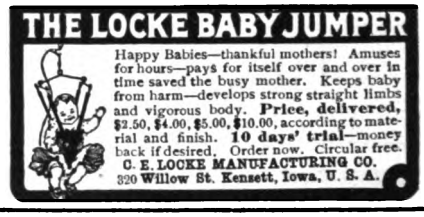
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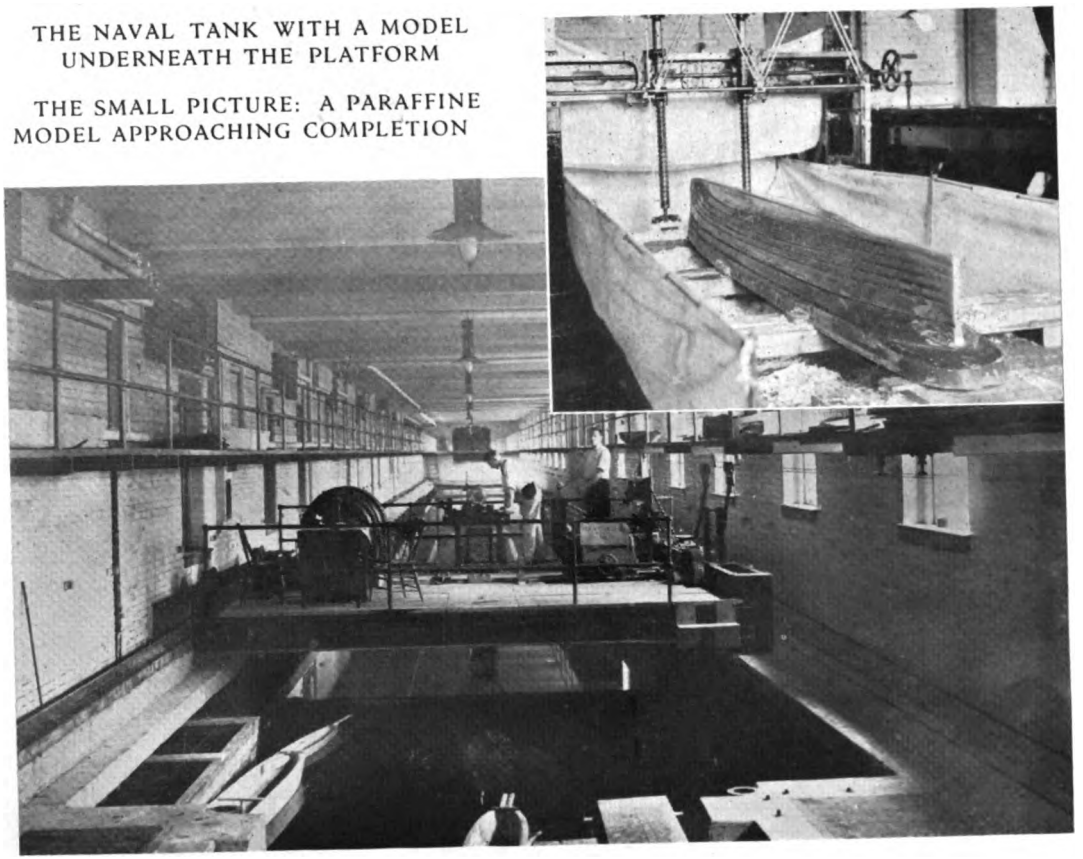

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THE MICHIGAN ALUMNUS

VOL. XIII APRIL, 1907 No. 123

EVENT AND COMMENT

THE STATE'S RESPONSIBILITY

Not always clearly seen, but nevertheless real, is the responsibility of the voters and legislators of the state to the University. It is a child of the state's creation and must be cared for. The state cannot force the University into the second rank without injustice to itself as well as to the greatest institution under its charge. ¶ There are at present sixteen hundred more students in the University, one-third the present total, than there were in 1899 when the quarter-mill tax was granted. At the same time the income from the state has remained the same. The problem suggested by these figures admits of but one solution. The University must have more money, else we shall drop behind. If the retrograde movement starts it will be rapid. We are, in a sense, marking time —ready to move in either direction. We might manage still to make shift a little longer with many of the old buildings that we have, but it will only be on the principle of the family that lives in the barn while the house is being built. That family would find itself in a bad way if the house never happened to get built. It would probably sink in the social scale. That is the condition, however, in more than one department of the University, and the annual increase of students is complicating matters greatly. ¶ The old buildings are proving more and more inadequate each year; we are fast reaching the limit. The rear wing and larger portion of the old Medical Building has been condemned and temporary quarters have been provided for the classes held there, in various buildings around the Campus. The Chemistry Building is in almost as bad way. Other buildings will inevitably follow, and if there is no opportunity to repair this decay, to say nothing of the increase made necessary by the annual growth, the end is plain. It is difficult to conceive what we could do with more students. While we take some pride in being the second or third largest university in the country, under the present circumstances that distinction carries with it a great burden. We should actually welcome a decrease in numbers until we are better able to take care of them. The questions involved in the present bill before the legislature are truly far-reaching, both upon the future of the University and upon the history of education in a state that has always been a pioneer. We cannot afford to fall behind.

INCOMES: OTHER COLLEGES AND MICHIGAN

Under the direction of the Regents some statistics have been recently prepared comparing the expenses of Michigan with those of the other great institutions in the country. The amount

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of instruction furnished to one student during one week is taken as the basis of the computation, and the unit is called a "student-week." This method, therefore, does not take into consideration the actual number of students, but only the amount of instruction given. Upon this basis the figures are 154,938 student-weeks for Harvard as against 152,826 for Michigan. Columbia is next with 150,720 student-weeks, then Illinois with 137,718, and Cornell 131,176. The total expenditures of these different universities differed widely, however. Harvard spent $1,607,034.89, while Michigan's budget called for but $583,845.15. Wisconsin, with only 122,625 student-weeks, spent $841,548.53, and Illinois' expenditures, with 15,000 student-weeks less than Michigan, were $1,059.363. ¶ Computed on a basis of cost per student-week, it is found that Harvard spends $10.37 a week for one student, Cornell spends $8.79, Chicago $8.69, Yale $7.94, Illinois $7,59, Wisconsin $6.86, Missouri $6.33, Ohio $5.46, Kansas $4.13, and Michigan only $3.82. Of all the larger western universities, Indiana, Minnesota, Nebraska, and Iowa, alone spend less than Michigan, and but a very little less, except in the case of Indiana, where the cost is only $3.08 per student-week. Minnesota is at present asking for an aggregate appropriation of $1,500,000, and Wisconsin for an annual total income of $1,207,000. Illinois is asking for $3,347,500, or a one-mill bill. Michigan at present receives annually from the state but $442,000. Yet Michigan has a *larger number of students* than any of these universities. From these figures it may be seen that Michigan has been practicing great economy. It could not be otherwise when the position of the University among the colleges of the country is considered. The amount requested from the legislature by an increase from a quarter to a half-mill tax will barely bring us in line with the other western universities. Our income will still remain far below the great privately endowed institutions with which we are brought in competition. We do not ask for an income equal to theirs; all we must have is an income that will enable us to keep pace with the other universities in the West.

A LOOK INTO THE FUTURE

One often hears of the lack of unity of architectural treatment in the buildings of the University. It is an obvious condition that escapes no seeing eye, and one that we should all like to see changed. The establishment this year of a Department of Architecture is a definite step in the right direction. One of the first tasks of the new school should be a consistent plan for architectural unity in the design of all buildings erected henceforth. The relation of these buildings to one another, to the Campus itself, and to the buildings already erected must be considered, if we are to have a Campus whose exterior worthily represents our ideals and our place in the academic world. Relatively small effort made in the right places and in the right way would accomplish wonders. ¶ As to the present condition of the Campus, we feel that the haphazard position of the buildings is perhaps as responsible for the incongruous effect of the Campus as a whole, as their inherent lack of form. Were we able to remove certain buildings and make over the Campus "nearer to the heart's desire" we might have a very tolerable start for future improvements. It is true we can never find room for the landscape scheme of a Le Notre. The limiting line of boarding houses is too prosaic, so we must work out our landscape effects with regard to the limited space which our small Campus affords. But we cannot help wishing certain buildings on the Campus

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might have been placed together, on a basis of color, if nothing else. We should just like to see how they would have looked. For instance, the Law Building, the new Medical Building, and the Homœopathic Hospital might look better in juxtaposition than they do now. But from other, and perhaps more practical points of view, *that* combination might not be a happy one. ¶ But the new Engineering Building, Tappan Hall, the Library, and the Gymnasiums, on a color basis, at least, would form a far more effective group in every way, and from them it would not be impossible to set a key for a distinctive style upon our Campus. Several new buildings are promised soon, including a new Dental Building, the Memorial Building, to come within a very short time, and the Union Club House, which we hope to see soon. And if the increase in the annual income of the University, now pending, is granted by the Legislature, there are hints of other needed buildings to follow. A great opportunity is open to the designers of all these new additions to the Campus. ¶ There are two ways for them to regard their work. One, made all too justifiable by the existing chaotic architecture, is, that one building, more or less, of a different style, will make little difference, and failing to discern even the suggestion of any definite or desirable style in the buildings already erected, the architect is justified in giving rein to his own desires and tastes in the matter. The other view, which we hope will prove more popular, is that the faint suggestion of a uniform style which appears in a few of the buildings might advantageously be followed. From these, it might be possible to evolve a building which, while not necessarily keeping the features of any of the existing buildings, would nevertheless be in harmony with many of them and add another and constantly growing note to the scheme. With a few more buildings erected having this fundamental view, we would have the beginning of an architectural unity that would be patent to every one. Once established, the future should find its own solution.

THE EARLIEST GRADUATE

To be the oldest graduate of the University might be considered a rather saddening distinction. It must necessarily carry with it so many associations that are but memories. Yet there is a happy side. It is always good to be alive. And when one has attained the crowned distinction of a long life under the blessing of one's Alma Mater and the consciousness of a life spent in the service of one's fellowmen, many of these memories must be pleasant. The Rev. Theodore R. Palmer of the class of '47, through the recent death of the two survicors of the class of '46, the Rev. Nathaniel West of Washington, and Geo. P. Androus of New York, has become the oldest graduate of the earliest class. This distinction does not imply that he is the oldest graduate in point of actual years, but the surviving graduate of the oldest class. In the steadiest of hand-writing, that is far from suggesting his advanced age, he writes to THE ALUMNUS as follows:

National City, Calif.,
March 1, 1907.

Dear Sir:

Yours received. I notice that in the World's Almanac, as elsewhere, in the Table of Colleges and Universities a list is given of the "Earliest graduates living." I think that I must be content with this distinction. Probably I am not the oldest man of the living graduates for I was graduated at the age of 17—was born Dec. 6, 1829. I wish that I might attend Commencement on the 60th anniversary of my graduation but shall not

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be able to do so. Thanks for your kind attention. Yours truly,

T. R. PALMER."

The Rev. Mr. Palmer was graduated from the University with the class of 1847 and is the only surviving member of his class. In 1857 he received the degree of A.M. from Madison College, and later served through the Civil War, receiving his honorable discharge as Lieutenant Colonel of the 13th Michigan Infantry. In 1873 he received the degree of D.D. from Franklin College and since that time has been connected with the Baptist ministry. For several years he has resided in California, where he may be addressed at Box 264, National City. The ALUMNUS extends to him the hope that he may keep his place at the head of the ranks for many years to come.

THE UNIVERSITY AND THE STAGE

That the University can have a potent influence in the needed regeneration of the American drama, is perhaps a new idea to some of us. Deprived of a theater, and away from any large theatrical center, as we are, we have been too apt to think that we really have no connection with the dramatic world. It seems at first thought even a little absurd. The drama is a great part of all literature, however, although it has fallen of late somewhat from its highest estate, and it is the University's task to bring it back again into its own. On another page appears a portion of the talk by James O'Donnell Bennett, '89-'92, dramatic critic of the Chicago *Record-Herald*, on the influence of the university on the stage, which was given the 20th of March in Sarah Caswell Angell Hall, under the auspices of the English Department. ¶ By way of preface to his remarks he made a tender reference to the inspiration furnished by the late Professor Pattengill, in his courses on the Greek drama: "From those hours passed in the low-ceiled, boxlike classroom of the departed scholar and man of the world, the speaker whom you have summoned to talk to you about the drama this evening dates his love for and his joy in the poetry of antiquity, and, more especially, the poetry of the ancient drama. It is therefore a great happiness and a great privilege that I may be able, perhaps, to make for you some practical application of the inspiration I received from an honored teacher. I shall try to show you that it was in that very humanity of his that the possibilities of a dramatic renaissance lie, and I shall try to convince you that you may make known to all the people, the charm and the splendor of the classic drama, simply by carrying those treasures to them and disclosing them to their eyes lovingly, vividly, and joyously." ¶ While the speaker perhaps idealized the possibilities of the university as an inspiration to the American stage, he certainly gave to many a new view of our responsibilities. He suggested that a cycle of the historic plays of Germany, beginning with Minna von Barnhelm, followed by Goethe's "Egmont," and Schiller's "Die Raüber," be given one year, followed the next by a series of French plays, and then in turn that plays from the Spanish and Italian be given. There are, of course, practical difficulties in the way of such an extensive program which Mr. Bennett could hardly be expected to recognize, especially in the case of the Spanish and Italian dramas, but we are glad to say that the spirit is already here and his words will only serve for further inspiration to the Deutscher Verein and the Cercle Français. For three years the former organization has been giving some of the German masterpieces in the original language and this year the Cercle Français is to follow with Mo-

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liére's "Bourgeois Gentilhomme." A more elaborate program is promised by both organizations the coming year, and it is quite within the range of possibility that two or three of these plays may be given, in turn, as suggested, within the year.

AN OPPORTUNITY NEGLECTED

It is with regret, however, that we must confess that the English drama has suffered. For many years we have had no performance of worthy English drama by students, excepting perhaps the production, necessarily restricted, last year by the Senior girls of the Elizabethan "Knight of the Burning Pestle." This year they are to give Mrs. Mackaye's dramatization of "Pride and Prejudice." A great chance for effective work and even a lasting reputation has long been offered to the Comedy Club, but it has never availed itself of an unrivalled opportunity. It might well become an organization which might find great honor for itself and some place in the history of American dramatic art through painstaking and intelligent reproductions of some of the masterpieces of the English stage. We have the word of a practical critic that they would well repay such an effort, did we not know it already. But so far the purview of the Club has apparently been entirely in a line with the attitude of the managers of the contemporary stage. What they have held good enough, has been good enough for us. ¶ In many ways we have, however, a great chance for better things just at present. Lacking any local theater, the reception given to sincere and painstaking work in the historic drama would be especially ready and enthusiastic, although we do not mean by this to intimate that when the new Ann Arbor theater is established, it would in any way work to the disadvantage of a dramatic organization. The presence of a well-equipped theater with weekly productions from the contemporary drama would undoubtedly have a helping effect, especially in the technicalities of stagecraft. The dramatic library in the University furnishes another great opportunity of which it is a great pity not to take advantage. We have one of the largest, if not the largest Shakespeare collection in the country, the MacMillan Shakespeare Library; and a dramatic library, remarkably complete, from the Elizabethan period to the more recent productions of Pinero, Jones, and Shaw, should furnish an especial inspiration to intelligent study. Therefore we feel that the Comedy Club owes more to the University than it has given us of recent years. It has given us only light society comedy, which while it has a recognized place, has not come up to the high standard which should be a University's inspiration to the students who are so soon to become a leavening part of the world of affairs. The University is measured by the ideals of these, her true representatives. Through them will come her greatest influence on the drama.

ON THE S. L. A.

In common with the undergraduate body, as well as the public at large, we have enjoyed the bill of fare presented to us this past season by the Students' Lecture Association. It has been a good one,—so good in fact that certain professional papers have called it the best course of its kind given in the country. There is very tangible evidence of its popularity in the shape of well filled coffers, and a very comfortable net profit. But this present era of prosperity, we feel, gives us an opportunity for a little criticism that a lean year would make ungenerous.

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¶ We have felt that there has been an element lacking in the entertainments of the S. L. A. which should be especially felt before a University audience. They have been too much like the "Star Courses" and the Lyceum programs of the small town. We may call it, perhaps, the cultural element that has been rather lacking, through an over-emphasis of popular political questions and—entertainment. There is, in truth, a place for these before a college audience, but certainly not to the exclusion of other varieties of entertainment and instruction. There need be no impairment of the interest or usefulness of the course as a whole, but there are other fields that have an equal claim to be considered. ¶ A beginning has been made this past year which we hope will be carefully cultivated. Although the major portion of the program has been monopolized by speakers on modern sociological and political questions, with the addition of the one "popular" musical number, and two or three entertainers whom we have had with us for many years, there have been one or two of a different character. William Jennings Bryan spoke to us on March 22 on the "Old World and the New," giving many interesting experiences upon his year's trip about the world, though his address was, after all, disappointing, since he failed to present anything but the more superficial aspects of his trip. His point of view, however was of necessity interesting. We are also hoping to have an illustrated lecture upon art by William M. French, the Director of the Art Institute at Chicago, that will doubtless prove as we believe a welcome departure from stereotyped channels. Interpretations of literature, art, and music have equal claims before a University audience, with the public questions of the day. It should be a pleasant duty and a great opportunity as well for the directors of the Students' Lecture Association to search these out and add them to their course. It need be no deterrent that the best men must often be found outside the rather restricted and popular offerings of the various lecture bureaus. Often the fact that they are not professional entertainers, imparts to their work a very special value. What we need is a broader view that will give us a chance through the popularity, financial ability, and business organization of the Student's Lecture Association to bring the greatest possible amount of real culture, entertainment and information before the largest number of students.

PHI BETA KAPPA

Michigan has long been notable among American universities in that it has had no chapter of Phi Beta Kappa. We have, if anything, been rather proud of this fact, since it is a definite evidence of our democracy. The practical reason has been, of course, that the University has never graded students in the fashion prevailing in other universities, but has been contented with politely informing the unlucky ones that they have been conditioned, or not passed; or in time honored student slang, "conned" or "plucked." The more fortunate ones received no word from the higher powers. ¶ The society of Phi Beta Kappa has in the past depended almost entirely upon the class grades of candidates for membership, the other factors in most colleges, not being considered practical. But these other qualifications must necessarily enter into the membership of the Michigan chapter if the effort now under way is successful. There has been a tendency of late years to require other qualifications of a Phi Beta Kappa candidate beside that of scholarship, although that of course is always fundamental. The membership ranks, however, are no longer limited to the first five,

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ten, or fifteen, as the case may be. Personal popularity and positive ability are counting to some degree in addition to scholastic attainment, and it is upon the basis of all of these that the proposed membership of the Michigan chapter is to be selected. ¶ The question was really a revival, started by a senior society among University women known as the Mortar Board, of a matter that has long been discussed. Several members of the Faculty became interested, Quadrangle, an honor society among the men of the University took the matter up, and finally a formal petition for membership was submitted to the national organization of Phi Beta Kappa by an organization of all Phi Beta Kappa men in the University known as the Alpha Honor Society. The petition of this club was granted by the special committee of the Society and it will be presented in the fall to the National Senate of Phi Beta Kappa. The first members of the Michigan chapter, after it is started, will of course be chosen by the present members of the Society in college, of whom there are a considerable number, both in the Faculty and among post-graduate students in the professional departments. Under the proposed scheme the heads of the various departments are to submit the names of the best men in their classes, and from the list thus made the final membership will be chosen.

THE SEVENTEENTH ANNUAL ORATORICAL CONTEST

Michigan will be represented this year at the contest of the Northern Oratorical League by Floyd A. Deahl, of Goshen, Ind., who won the seventeenth annual oratorical contest held March 15, in University Hall. The second honors were taken by Sheridan Downey of Laramie, Wyo., who spoke upon "Our Duty to the Negro." The subject of the winning oration was "John Marshall," and his interpretation of the Constitution.

Floyd A. Deahl is a member of the senior law class, and entered the University in 1903, taking two years in the literary department before entering the Law Department. In high school he was prominent in oratory, and won the state high school contest of Indiana. Since entering the University he has won many honors. In 1906 he took second place in the Hamilton contest, and this year he won first place. He also received the second honor last year in the oratorical contest. As winner he receives the much prized Chicago Alumni medal and the Kauffman prize of $100.

In telling of Marshall's lifelong service in defense of the Constitution the speaker said: "Carefully yet with the iron grip of a master, decision by decision, he taught the people the lesson of nationality. He tenaciously clung to the idea of our forefathers that the Constitution emanated not from a part but from the whole people, that it was not made for one, but for all generations, and to meet every crisis. Marshall's decisions and his idealization of the Constitution transformed public opinion, and infused into the life-blood of the nation confidence and trust in the Constitution. Marshall found the Constitution weak and halt. He left it strong, resting upon the firm foundation of the love and good will of the people."

The Chicago Alumni medal, won by Mr. Deahl, is of exceptional beauty. In October, 1904, the Chicago Alumni Association, in order to encourage interest in oratory in the University, presented the Oratorical Association with a bronze medal to be given to every student who wins first honors in the annual oratorical contest. This medal is considered by authorities as one of the handsomest bronze medals in existence and has

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been placed among the collections of the Academy of Beaux Arts, Paris, and the National Museum, St. Petersburg. It was pronounced by the Hon. Andrew D. White, who is a collector of great authority, as the most exquisitely designed of any he has seen. Many duplicates have been struck for museums in all parts of the world. The medal was designed by Louis H. Sullivan, architect of the Auditorium in Chicago and much difficulty was experienced in engraving it. Many of the best engravers in America and in Europe were tried without avail until it was finally suggested that the chief engraver of the United States Mint at Washington might do the work. He did so and successfully; the engraving from which the die was made was completed by him in spare hours.

THE DEPARTMENT OF MARINE ENGINEERING

Although situated in a small inland town, the University is able, through its course in marine engineering, to play an exceedingly important part in the construction of the various craft that ply the Great Lakes. Ann Arbor is in a way a ship-building center and many well-known naval architects are numbered among her visitors. This department is of comparatively recent growth as it was established as recently as 1900 when Herbert C. Sadler was called to the newly created chair. Professor Sadler is a graduate of Dulwich College, London, and the University of Glasgow. For four years before he came to America he was Assistant Professor of Naval Architecture at Glasgow, and had had several years' experience in ship-building on the Clyde.

The most prominent feature of this work at the University is the Marine Engineering Laboratory, in the Engineering Building, with its model room, work shop and experimental tank. The tank is 300 feet long, 22 feet wide, has a ten-foot depth of water; and is spanned by a traveling truck driven by a motor. Upon this truck are mounted the dynamometers, for measuring the resistance of the models of various forms at different speeds, and several other delicate pieces of mechanism used for recording the results of tests.

The process of making these models and determining results is as follows: From the plans of the boat, as submitted by the ship building company, a rough paraffin model twelve to fourteen feet long is cast. This model is fastened to a movable table, bottom up, and certain water lines are marked out on the surface. Then a pair of movable cutters, guided along the sides by the operator, cut the lines into the model to the required depth. The accuracy of these cuts is insured by the delicacy of the machine, which works in conjunction with a pointer in the hands of the operator and this pointer follows the lines of the drawing conveniently placed on a nearby table. The cutters and pointer are so regulated that they work in any required proportion to one another. Thus while the pointer may travel over a half inch on the drawing, the cutters trace an inch or more according to the size of the model. By means of this machine a large model can be made from a small drawing.

Next the model is turned over to a workman who cuts out the paraffin between the grooves to an equal depth with the machine lines so that the sides are perfectly smooth. After the model is given the desired shape it is burnished and the various water lines are painted on the sides. Check measurements are made to see that the model is correct to the specifications. It is then weighed and placed in the tank, where it is sunk to the required water line by means of shot ballast.

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INTERIOR OF THE LIBRARY READING ROOM

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The mechanism on the travelling car which records the movements of the model in the water, consists primarily of an upright rod set on an axis and acting as a lever. The model is attached to one end and the resistance of the model as the car moves is transmitted by this bar through a complicated mechanism to a movable pen which in turn records on a moving drum. At the same time another instrument records the speed so that the speed and resistance are accurately indicated by the record on the drum. The experiments are carried through many speeds, varying from 100 to 800 feet per minute. Then the various experiments are averaged and the results are obtained. By known formulas these results may be computed in terms of resistance for vessels made of wood, iron or steel. In the same way the power of engines necessary to drive a vessel of the required capacity and speed may be determined.

Many of the boats on the Great Lakes were modeled at the University and several new boats to be built next year are now being experimented with in the model form. Among these is an ocean liner to be constructed by an eastern firm. Another that has just been finished is the graceful model of the passenger steamer Alabama. One of the especially attractive models is that of a yacht to be built by E. R. Thomas of Buffalo.

One reason why so much model building and testing is done for the Great Lakes ship-building companies is that the University authorities gladly welcome such work, because of the practical side it furnishes for the student assistants. But perhaps the most important reason is the fact that the shipbuilders achieve better results by having the experiments turned over to the skilled men in charge of the marine branch of the Engineering Department.

THE REPORT OF THE LIBRARIAN OF THE UNIVERSITY

The report of the Librarian of the University, Theodore W. Koch, which was submitted to the October meeting of the Regents, has just been published. Great changes in the appearance, as well as in the administration, of the Library, have signalized Mr. Koch's coming to the University. In this his first report he sets forth his efforts to bring the Library up to the highest possible standard of efficiency and at the same time to make it a pleasanter place in which to work. That he has succeeded in doing both of these so well in such a short time gives it an especial interest. The report is, however, too long to give in full. A resumé, with occasional extracts only, can be given here.

The report opens with a note upon the work which was done by the present Librarian before coming to Ann Arbor, while still in the Library of Congress at Washington. Here he arranged for the depository catalogue of the Library of Congress cards, the purchase of a set of the John Crerar Library cards, and the card publications of the American Library Association, which are now installed in the Library. He also took up at once the matter of a bookplate for the University, and made a tour of the Eastern libraries with a view to studying certain questions which were to call for answers at Ann Arbor.

Upon coming to Ann Arbor as Assistant Librarian his first recommendation to the Board of Regents was that shelves be built around the semicircular walls of the reading room to accommodate a reference library. This he felt was an urgent necessity owing to the congestion of students about the delivery desk immediately after the hourly change of classes. By February, 1905, the reference library was installed around the apse of the reading room, and now numbers over 6,000 volumes. These books are free-

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ly accessible to the students and the wisdom of the plan has been proved many times over. In discussing this matter in his report Mr. Koch says:

Despite the fact that some of the books placed on the reference shelves have disappeared (some only temporarily, just before an examination), there is no doubt as to the success of the innovation. The books which have shown the greatest tendency to disappear have been those in the "class libraries,"—the books of required reading bought by the students and placed in the library for the general use of the class. It is possible that apart from the great demand for these books, a partial explanation for their disappearance may be found in a feeling of ownership on the part of the students who contributed toward their purchase. Be that as it may, the few books most in demand at any particular season are now temporarily withdrawn from the open shelves and placed behind the desk, where they are issued on reading room call slips.

The Faculty, which had been consulted as to the selection of the books to be placed on the reference shelves, cordially welcomed its establishment. Several professors claimed that there was a noticeable improvement in the grade of work done by their students, since they had been granted freer access to the books.

Meanwhile the beautification of the room was going on. Busts and pictures had been placed above the cases, as well as small escutcheons bearing the seals of twenty-two American and European colleges and universities. Above the delivery desk plaster casts of Donatello's frieze, and eight of the della Robbia panels, from the organ loft in the cathedral of Florence were installed, giving something of the effect of the original cantoria as planned by those renaissance masters. Around the sides of the room a number of sections of the Parthenon frieze were placed. These proved so successful that at a later time the frieze was extended.

Mr. Finney, the reference librarian, is quoted in support of a prediction made two years ago that the beautification of the reading room and the freer access of students to books would tend to lessen acts of vandalism on the part of the students.

Probably owing in part to the influence of more tasteful surroundings, as well as to an improved student sentiment, the order in the reading rooms has been better and the number of mutilations of books and periodicals less than in previous years.

In furtherance of the policy of making the Library more accessible for general use, the periodical room, which had heretofore been reserved for the Faculty alone, was thrown open to students and the public in general; one table alone was reserved for the members of the Faculty. Chairs, which the installation of the shelving around the general reading room had made superfluous, were placed here and a file of current newspapers was installed, in addition to the magazines and the indexes to popular periodicals.

Many changes were also made in the system of delivering and returning books drawn from the stacks. The amount of available room at the return desk was increased and a charging desk installed, with a clerk in charge. In 1856 the privilege of borrowing books from the Library of the University of Michigan was taken away from the students and in February, 1906, half a century later, it was restored to them. The question had been agitated for many years, but permission was never given until this late day. The experiment, if it can be called such, justified itself immediately, and the effectiveness of the Library has been increased enormously within the past year.

The statistics of the circulation department show that 1,046 students availed themselves of the privilege, and of the 4,636 books taken out for home use from February 12th to June 21st (exclusive of the over-night circulation) fifty per cent belonged to English literature. The figures show the following authors to have been the most frequently borrowed: Shake-

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speare, Hardy, Stevenson, Dickens, Kipling, George Eliot, Jane Austen, Hawthorne, and Thackeray. Of the remaining fifty per cent the circulation was divided as follows:

Philosophy and religion	5 3/5 %
Sociology and economics	5 %
Education	2 %
Science	4 %
Medicine	4 %
Fine arts and music	1 %
German literature	5 %
Romance languages	8 2/5 %
Latin and Greek	3 %
History	12 %
	50 %

These figures are not to be taken as an indication of the relative amount of reading done in the different branches. In some departments of study the reference use of books is much greater than in others; of this use the above figures have nothing to say. Nor do they take cognizance of the reading done in the seminaries and in the departmental libraries.

In the one semester during which we have been loaning books to students we have found that the extension to undergraduates of the privilege of borrowing books has cost us next to nothing in the way of additional service at the desk; that it has not interefered with the use of the library by the Faculty, and we do not believe that there is a single professor who would vote for the abolition of the newly granted privileges.

A suggestive phrase from one of the essays in Arthur C. Benson's recent volume, "From a College Window," is quoted. In speaking of the great accumulations of books in a college library that writer expresses his regret that they are so generally "no good for reading." The present librarian feels that the books in a university library should be chosen primarily for use, that it should be made a practical working library. He believes that the librarian should be the special champion of the students' needs. The professors naturally buy books needed in their own departments. The library committee is flooded with requests for the purchase of large and expensive sets of learned publications which only rarely concern the undergraduate, and the student as a consequence has no one to look after his interests. In following this policy many volumes have been bought, and files of many important magazines have been completed. In addition, a collection of books that are timely and pertinent, known as the "red star" collection, has been established, and placed on a rack easily accessible to every one.

During the past year the Library has received in exchanges 758 items, mainly the transactions of various scientific societies and dissertations from many different universities. The University has also obtained for exchange a number of volumes of especial interest including fifty copies of the "Contributions to Medical Research," dedicated to Dr. Vaughan by the Medical Faculty, as well as a large number of duplicate copies of such books by former members of the Faculty as Professor Frieze's "Giovanni Dupré," Professor Brünnow's "Tables of Victoria," Dr. Ford's "Outlines of Anatomy," and also the edition of the "Adelphoe" of Terence published on the occasion of its presentation by the University in 1882, as well as 35 copies of the memorial volume of the late Professor Prescott, printed by his wife and presented by her to the University. An attempt has also been made, with some success, to increase the exchange list of the Michigan Academy of Science.

The crowded condition of the library at present is subject of extended notice in the report. Every department is hampered for room; the Librarian himself having only desk room in a crowded office. The need for more room for the books has been noted before in these columns, and the Librarian suggests that since the art galleries are to be moved eventually to the proposed Memorial Building, it is quite feasible to begin now by turning the south room into an alcove stack room. The portraits now hung on the west wall of this room might

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easily be accommodated on the walls of the reading room, and wall space for such of the other pictures as are worth hanging could be found in the halls and stairways. This room could then carry a two story stack with eight alcoves, providing accommodations for over 25,000 volumes and table room for members of the Faculty and advanced students. Thus equipped, this room would serve admirably for the medical library now crowded into the third story of the old stack. In time the whole present art gallery could be divided in the same way as has already been suggested for the south room. The plan of Mr. William A. Otis, class of '78, for the extension of the building to the West, already published in THE ALUMNUS,* is given and described at length.

The report also gives some extended notice to the various collections in the library, including the Shakespeare and dramatic collections, the medical library, as well as the law library. The petition submitted to the Board of Regents for the increase in the book fund, whereby the usual amount devoted to the purchase of books was increased in the budget for 1905-06 to $20,000, is given in full. It has been apportioned among the departmental libraries as follows:

General Library	$11,000
Medical Library	3,500
Law Library	2,500
Engineering Library	2,500
Homœopathic Library	250
Dental Library	250
Total	$20,000

This is a relief for which all are profoundly grateful. It has enabled the Library Committee of the Faculty to restore the departmental apportionment for the current year to $200.00, and also to recognize the claims of some of the younger members of the faculty who are in charge of subjects for which little or no provision has hitherto been made. The larger assignment to the medical Faculty will enable them to fill out some of the most glaring gaps in their sets of periodicals. The engineering library is now for the first time put on a basis where some systematic work can be done toward rounding out the collection.

The report also contains a number of appendices, giving the rules regulating the circulation of books adopted by the Regents Jan. 19, 1906; a list of published theses presented for Doctor's degrees at the University; and a list of the periodicals in the Library which are indexed in Poole, the Annual Literary Index, and the Reader's Guide. In concluding Mr. Koch expresses his sincere appreciation of the favorable consideration given to his many recommendations by the Board, and his gratitude to his predecessor, Mr. Raymond C. Davis, for his active coöperation and generosity, during Mr. Koch's first year as Assistant Librarian. Mr. Koch says in conclusion:

Mr. Davis' services covered a longer period than that of all three of his predecessors in office. How faithfully he served the institution you all know. It was he who built up the Library to its present proportions; when he assumed the duties of his office in 1877 the entire collection of books amounted to only 23,000 volumes; when he relinquished the task there were 182,000 volumes. Beginning where Mr. Davis left off, I naturally face a different set of problems. To solve these problems I shall need your constant coöperation. We shall need still larger appropriations. That the library of an institution of learning merits the closest attention, and the heartiest support, is becoming more and more generally recognized. "The American college," said a prominent educator, "has in its library an instrument of mighty usefulness for serving mankind. No wisdom is too practical, no consecration too hearty, no endowment too rich, to be devoted to its development. No house is too fair or too fine for holding its books, only provided the house facilitates their use. No administrative expense is too costly for making its resources more accessible. The library is worthy of the best, for it helps to make the best in the student and the teacher."

* See THE ALUMNUS for Jan., 1906—p. 160.

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WASHINGTON'S BIRTHDAY ADDRESS

DELIVERED BY GOVERNOR CHARLES E. HUGHES, OF NEW YORK, BEFORE THE LAW DEPARTMENT OF THE UNIVERSITY, FRIDAY AFTERNOON, FEBRUARY 22, 1907.

Mr. President, Gentlemen of the Law Department, Ladies and Gentlemen:

As I was coming across the Campus a few moments ago, Dean Hutchins remarked to me in a voice which indicated a severe struggle with his pride, "We have not much to show you in the way of buildings, but we will show you students." And I assure you that difficult as it is for me to be present today in view of other obligations, I would not under any consideration have missed the opportunity of looking into your faces and saying informally what is upon my heart to say.

As President Angell has so graciously said, there is no reason why a Brown man should feel a stranger in Ann Arbor. My academic relations have been with Brown and with Cornell: with Brown that has given you Professor Boise and Professor Frieze, whom President Angell has mentioned, and has given you President Angell. And from you Cornell has received those who, although not graduated here, received here their training for effective work at Cornell: Andrew D. White, Charles Kendall Adams and Moses Coit Tyler. And then you trained for Cornell and later took away from Cornell to his own Alma Mater, Harry Burns Hutchins.

I do not know that we should desire to make any comparisons between institutions, but there is a story that my late partner was very fond of telling which may be deemed applicable. He had found some apocryphal catechism which contained the question, "What is the difference between the Lord and the devil?" And the answer was said to be: "the Lord excels in original power, but the devil makes up for it by his infernal activity."

The day we celebrate is a day for congratulation and for serious reflection. It is a day which evokes our pride and at the same time brings to us many questions as to the future. We are led back to the formative period in our history. We think of the great leader struggling to keep his little band together—"barefoot and otherwise naked" as he described them, in order that he might maintain the fight for independence. As we review the history of that struggle we feel that there never can be a time in the history of our country when our people should despair, if out of such difficulties, under wise leadership, such magnificent results could be gained.

And then when that struggle was over and it seemed for a time as if all gains were to be lost, and as if the united colonies were to relapse into anarchy, when there was no prospect apparently of permanent union, when we watch the deliberations of the federal convention, we are again convinced that on no occasion should we feel discouraged, if under such conditions statesmanship was able to triumph and the union of which we are today so proud could be established under conditions which seemed at the time so hopeless. We recall the words which John Fiske said. They should be emblazoned in gold upon the doors of every assembly where public questions are discussed and important matters are pressing for fearless and courageous consideration, those words which Washington uttered at the federal convention. He said: "Perhaps another dreadful conflict is to be sustained. But if to please the people we offer to them what we ourselves disapprove, how are we afterwards to defend our work. Let us raise a stan-

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dard to which the wise and honest can repair. The event is in the hands of God." There never will be a day when the American republic cannot find advantage in considering the lessons of the life of that great man to whom more than to any one else, on account of his poise, his sagacity, his unselfishness and his dignity of character, we owe the stability of our union.

Later on the question came whether the Union should be preserved, or whether the diverse interests which came into conflict over the most serious question that has vexed us since the day of the organization of the Union should rend it asunder; and again there appeared a man of poise, a man of care, a man of deliberation, a man of infinite patience, who was willing to undergo any personal sacrifice that the Union might be saved.

Today we have no question as to national organization, we have no question as to national unity. Our commercial interests and the many ties which link our lives together create a sentiment of union which nothing can seriously disturb. Our questions today are social questions. We are interested as we read history in seeing how much time and effort and how many human lives have been spent in the effort to maintain national organization, to maintain the framework of society, to keep it from foes without, to maintain it from foes within,—how comparatively little effort has been given to those questions which present themselves after you have your organization, after your national unity is secured; and the question is how the proper object of national organization in the just diffusion of prosperity and the equalization of opportunity shall be best gained. Social questions are pressing upon all the countries of the world for determination. It has recently been pointed out by a forcible writer that we are very much favored in devoting ourselves to their consideration. We have no serious question of national defense. Despite our emergence as a world power our paramount questions are not those of foreign policy. Despite our great strength we have to deal with internal matters as the most serious for our consideration, and happily to a large extent we are free to deal with them knowing that in our just peaceful aims we find our greatest security.

When we come to consider the questions of the day we are met in the first place by the fact that we are strongly individualistic. The idea which more than anything else may be called the American idea is that every man shall have a chance to show what is in him. It is the idea which fires every American boy with ambition as he reads the biographies of those who have succeeded and attained place and distinction. It is the idea which means that an American boy who is straight and honorable and persistent and makes the most of his opportunities will have a fair show and get the results of his work. And whatever any one may think of the advisability of reconstructing society I do not believe the day will ever come when the essential demand of the young American to give expression to himself and to get the results to which he is justly entitled will be denied. On the contrary his demand is that that opportunity should be safeguarded. There is no danger that we shall cease to prize individual effort; that we shall cease to hold sacred the opportunities for individual initiative. There is no danger that we shall cease to hold as the most important of our guarantees that a man shall keep what he is justly entitled to because he has earned it, and shall be protected in his pursuit of that which he can pursue by lawful means within the limits of the constitution. We hold today the great principles of our constitution as firmly as tenets of our faith as they were held at the time

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they were adopted. We believe in due process of law, we are a people of law and order, and we demand that every man shall be dealt with justly. We believe in the protection of property. We have no desire to see any one of those constitutional guarantees disturbed. The opinion that exists to the contrary in this country is negligible. But side by side with the tradition that we have of individualism, side by side with the firm belief that we have in the importance of maintaining opportunities for individual attainment, is the keener recognition of the rights of the community, is the keener recognition that we have public rights with reference to which every individual right must be exercised. And the great question today is how we can save the opportunity for individual initiative and the expression of individual talent and at the same time make sure that every public enterprise and every privilege obtained from the public is conducted and exercised with a proper recognition of public obligation.

We find this feeling of collective rights, the rights of the community, expressing itself emphatically in many ways. For example, we have the emphasis that is placed upon fiduciary obligation. Fortunate it is that we are free to turn aside for a time from the consideration of matters affecting the organization of the State and the maintenance of the State, to ascertain whether men are performing their trusts and whether they are faithfully regarding their duties to the public. What we call the awakening of conscience within the last two years is not due so much to a quickening of the sense of individual responsibility on the part of the individual himself in the first instance, as it is due to the demand of the community that he shall feel his responsibility. In response to that demand men who are using other people's money are more faithful and careful than they were. Men who are in charge of undertakings, where the contributions of a multitude furnish large aggregations of capital for investment and for use under fiduciary restrictions, are made to feel that it is not a question whether in a given case the loss to A or B as individuals may be trifling, and that the community will hold it anything but trifling, if they depart from the path of duty in the discharge of their fiduciary obligations. This is not a temporary feeling that has been expressed in the past two years. The moral force of the American people has been directed to the consideration of the relation of man with man and with groups of men, with the community as a whole, in order that they may ascertain whether trusts are being properly discharged.

We have also had occasion to consider the matter of special privileges obtained from the public. As I said a moment ago, there is no desire that any man shall be deprived of that which he is justly entitled for his services, for his talents, for his managerial ability, but the question presses, what is he justly entitled to? Are there any bounds that are to be set to individual ambition? What are the limits which should be fixed when he deals with the government? And the answer which is day by day rendered more emphatic in this country is this: "You must deal squarely with the people and for what you get from the public you must give the public due return." We do not want any one to get a mortgage upon the general prosperity of the country. We do not want men seeking a first lien upon the general efforts of others. We realize that returns are made in large degree which are not proportionate to the skill, to the enterprise, to the ability that is put into the service, but are largely due to the general activities of the entire people; and what is desired is some readjustment as will duly safeguard the rights of the people collectively. No individual right can long be maintained secure if the public right is disregarded.

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In connection with this much has been said with regard to corporate organization. It is not a complaint against a mere form of doing business. The people of this country are wise enough to know that large undertakings cannot be conducted under the conditions which limit mere individual enterprise. But it is a complaint of the misuse of corporate organization to the public detriment. Criticism of over-capitalization is not based so much upon sympathy with the misguided stockholder who gets something which is intrinsically worth less than he has paid. It is rather the idea that through the inflation there is a basis for improper exactions from the public, that through such an overstatement of investment there is an opportunity given to take from the public more than a just return. It is the community sentiment saying: "Organize fairly, get what you are entitled to, get a return upon the fair value of your investment, do not make people pay upon a basis which is fictitious."

Again, with reference to aggregations of capital. It is not mere aggregation which arouses criticism in the minds of the American people, or that part of the people which is discriminating. It is not denied that undertakings on a large scale may be justified by economic considerations. But it is the use of coercion; it is the use of improper methods made possible by reason of powerful organizations to destroy competitive effort; it is the use of power to control the machinery of government and to secure illicit favors that has drawn forth the severe condemnation of the people, who are determined that commerce shall be free from unjust restraint.

We have also an insistent demand that representatives of the people shall recognize their direct responsibility to the people. Every one realizes that nothing can be accomplished without organization; that you must have for party success and for the carrying out of any principles which the party may adopt careful, thorough, effective organization. But here is the difficulty, that men under cover of pretended party loyalty, who care very little about any principle or public policy, will use the organization for their own benefit and the benefit of those upon whose support they rely for a continuance of power. The people desire to end this abuse of party machinery and to assert the obligation of every public officer to act according to his conscience in the interest of all.

When we consider the remedies which are to be sought for existing conditions we find that a great deal is said with reference to the extension of federal power. Frequently there is a failure in this discussion to distinguish between the wider exercise of those powers which already belong to the federal government under the constitution and the increase of federal power by taking away that now reserved to the states. When we talk of the regulation of interstate commerce we are not dealing with any question of extension of federal power. The question is simply as to the exercise of the power, and the people of the country have reached the conclusion that there should be no limit to the exercise of federal power in connection with interstate commerce short of absolutely securing the people in the freedom of that commerce, and in putting an end to the discrimination and unlawful preferences which have afflicted interstate commerce in the past. In other words, along that line the question is simply one of the mischief, the existing law, and the remedy. Is the mischief ended by present legislation? Is there anything that can be reached by additional legislation? What is the best course to adopt in order that the evil may be stopped? But when on the other hand you consider the question whether any power that belongs to the states should be taken away from the states and vested in the federal government

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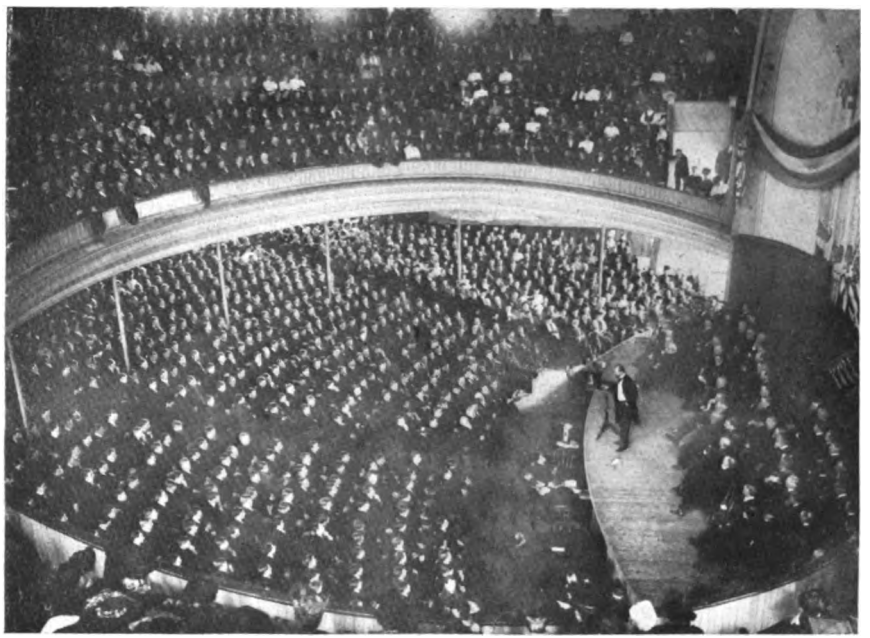

GOVERNOR CHARLES E. HUGHES SPEAKING IN UNIVERSITY HALL
FEBRUARY 22, 1907

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you have an entirely different matter. That must be considered in the light of the obvious importance of localizing administration so far as possible. It is to be considered in the light of the enormous burdens of centralized administration. No change will be made unless the people are satisfied that their welfare imperatively requires it. Back of all is the demand of the people for the enforcement of public rights and for a just check upon rapacity. Whatever the people ultimately find is necessary to that end will be had, no matter what changes may be required to bring it about.

I have spoken of the efficiency of state governments. Lamentable is it that in any case the efforts of states should have been directed to the framing of laws for their own selfish advantage and against the general welfare. There should be the greatest desire on the part of the people of the states that their legislation should not furnish opportunities which may be made use of for improper purposes, but on the other hand there should be generous rivalry so that with reference to its own commerce and its own citizens each state may present a pattern of efficient government. One cannot fail to be impressed by the scope of the state's activities. When we consider the afflicted, the feeble minded and the insane, the wards of the state, when we consider the problems of penology, the proper means for the reformation of criminals, the protection of the public health, the protection of domestic commerce, the preservation of forests, the safeguarding of the elective franchises, the regulation of domestic commerce and the control of corporate activities, we see of what vital importance is the efficiency of the government of the State and how carefully administration should be protected from corrupt alliances.

When we take account of the signs of the times, do we find occasion for discouragement? Not at all. There never was a time when an American could walk with greater pride than at this hour. We have had serious scandals, but there was an honest sentiment of the American people which demanded their disclosure. The evil existed, but it was not condoned. The criticisms which came forth unanimously from one end of the country to the other indicated the wholesomeness of American sentiment. The business men of the United States desire to conduct their business honorably. There are no higher standards of business morality, in any country than those we have in the United States. There is no place in the world where men more keenly desire justice and desire right living. And I think that upon some of our leaders in the financial world there is beginning to dawn the idea that they must take the people into partnership in their great enterprises.

As I address you young gentlemen who are looking forward to the practice of the profession of the law, let me say that upon the men at the bar more than upon any other class of the community rest responsibilities for the wise decision of these questions and the settlement of the problems of the day. Gentlemen, you will have many difficulties in your practice. Time and again you will ask yourselves the question: "Is this right? Can I do this? Is this fair?" You will have those questions come when you are considering whether you will take a case and how you will conduct it. But there is one consideration I hope you will have before you at all times, and that is your duty to the people. The idea that the lawyer goes to the bar to practice to the limit of his ingenuity as long as he can keep from being disbarred is akin to the idea of the business man that it is his duty to get money and to get all he can by any means as long as he keeps out of jail. This is the time when

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men have higher standards than those that are furnished by the penal code or by the rules of court. It is a time when you must consider that you are bound by your professional oath not merely to serve your client but to serve the people, and to stand by the Constitution of the United States in the broad implication of that phrase. We have had a great deal of discussion whether a man can defend a man whom he believes to be guilty. Much ingenious argument has been employed upon that question. Of course every lawyer knows that it is his duty to see that his client's case is fairly presented according to the facts, in order that the truth may be known and that justice may be done. You will rarely be embarrassed if you draw the line in your conduct as you will draw it later in your speech in defending your client.

But when we come to consider these great public questions that are before us and the relation that lawyers stand to them, we realize that there is being erected by the people a standard of legal conduct with which you must conform if you would retain the public confidence. May the day never come when lawyers because of their professional activity shall be deemed unworthy of public service. May the day never come when those familiar with our laws and their application shall be disqualified because of their professional relations. It is in your power to see to it that that day does not arrive, and it is a matter entirely within your own keeping. If the lawyer is called upon to transact business for a corporation let him transact that business fairly and acutely and let him give that corporation the best service but an honorable service. But it is no part of his business to endeavor to nullify the laws of his state except when they may be properly challenged upon constitutional grounds. Remember that you are retained as a lawyer; you are not retained to be a trickster; you are not in practice for the purpose of exercising to the limit your intellectual ingenuity without any regard to public duty. The client will never have respect for his lawyer unless the lawyer stands for what is true and for what is honorable and refuses, no matter what it may cost, to budge an inch from that line of rectitude which would be clearly recognized were the facts published to the world. Your acquaintance with legal principles and your knowledge of affairs will give you special equipment for public service. Let it be regarded as your highest ambition not to make money, not to get notoriety, not to become famous for skill in manipulation and trickery, but to be known as an honorable, fair-minded man who never betrayed a trust and who regards his duty as a citizen as his first obligation. We want justice; we do not want to see any individual or any corporation suffer because of unjust sentiment. We honor the lawyer who will stand for an unpopular cause in which his client is entitled to his services. We honor John Adams for the professional courage he displayed. We make no test of professional service that it should accord with the notion of the hour. We do make the test that it should accord with the voice within, which tells the lawyer just as much as it tells the business man what he ought to do and what he ought not to do. The professional ideal is an ideal of service. It is an ideal that calls for hard work. It is an ideal which involves devotion to the public good and service to the community as the highest duty and the most important privilege. Through your efforts and the efforts of others who are inspired by this ideal, we may look with confidence to the future and to the settlement of all the questions which now perplex us.

CHARLES E. HUGHES.

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THE VITALIZING INFLUENCE OF THE STAGE UPON THE CLASSIC DRAMA

That mankind needs the stage is a proposition that requires no argument. Everybody grants that. The good pastor, George Crabbe, eighteenth century expounder and celebrant of the doctrines of the simple life, whom nobody reads nowadays—and that is everybody's loss—gave the essential reasons in eight lines when he wrote:

By the same aid the stage invites her friends,
And kindly tells the banquet she intends;
Thither from real life the many run,
With Siddons weep and laugh with Abingdon;
Pleased in fictitious joy, or grief, to see
The mimic passion with their own agree;
To steal a few enchanted hours away
From self, and drop the curtain on the day.

The people need the stage. It seems not so evident that the classic drama needs the stage. There is a great deal of idle talk about the value of the printed play. The printed play is of value only as means to the more exact study of the actual performance. It is important that we get good plays printed, but it is decidedly more important that we get some of the printed plays acted. Without the stage the dramatic form might as well be the novel form, for it is a form bent to severe restrictions as well as—and herein is its glory—capable of answering to a noble breadth and variety of interpretation.

We ought to consider how the stage with its pictorial accessories and its presumably intelligent actors is the vitalizing force in the drama, how the strict and meager dramatic form —for in comparison with the amplitude and liberty of other literary forms it surely is the most severe—is warmed into life by the utterance—pantomimic and vocal—of men and women. I shall try to show that even the greatest drama has lived—lived in the sense of being the possession of the great mass of the people—only so long as it held the stage. Moliere lives in France because he is still performed in France. With us, where he is highly regarded and almost never performed, he has become the task of second-year students in French on the one hand and the joy of readers of well-trained taste on the other. The middle ground of popular and general appreciation he has ceased to hold because he no longer holds the stage. The same statement applies to those plays of Shakespeare that are unacted from one generation to another. To the multitude they are lost.

I recognize not only the Drama's Need of the Stage, but I am sure of the best drama's absolute dependence upon the stage. And that brings me to what it is a joy to talk about: The Vitalizing Influence of the Stage upon the Classic Drama.

Next to the printed page the stage is your great circulating medium, reaching more people and speaking more intimately and comprehensively than does the pulpit, the only circulating medium that can fairly be compared with it. The stage has an enormous advantage over the printed page in that it can tell more in less time. It is both a picture and a voice. To the literature of the drama the stage is what—and more than what—the invention of printing was to all literature. It keeps drama before the people, and, if this powerful and charming circulating medium is applied to the best dramatic literature, that literature, too, will be kept before the people. The average play of the day is absolutely dependent upon the aids of stage representation, with all the light, the color, the strong, persuasive personalities, the pictorial effects and the musical incidentals that such representation under intelligent conditions carries with it. This aver-

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age play is not unlikely when thus set forth to furnish reasonable excuse for the expenditure of three hours of time, whereas under the severe restrictions of the printed page it affords very meager occupation. If, then, stage representation will make a mediocre work tolerable, it follows that its service to the classic drama must be considerable. It humanizes and vivifies once more the ancient document, and the infusion into it of the personality of the histrionic interpreters reasserts in a very simple way the kinship of all the ages. The document which is our heritage from men of times long gone we thus make in some measure our own creation through new interpretations, and this accumulated wealth of interpretations —which finally crystallize into what we of the stage call the traditions of a play or of a rôle—is passed on to other ages, those ages in their turn adding to the store of loving commentary that has been thought out by the actor and gratefully accepted by the playgoer.

Thus are there reasons glorious and sufficient for an acted drama as distinguished from a book drama, and these reasons grow out of the opportunity the stage affords the players to renew the vitality of the drama by perpetuating some of its old acting traditions and creating new ones.

People whose standards are exacting sometimes say they would rather stay comfortably at home and read a classic play in the serenity of the library than take their places in a stuffy theater to see the same play badly acted. The answer to this contention is that,—first, they do not read plays, or almost never, unless they be students of literature, and, second, if they do, they still miss something, miss the essential human touch, the sense of man speaking to man that is partly the source and reason of the dramatic form. The drama is a picture of life in action. The word means that. Extract from this form the movement, the animation that give it the directness that Matthew Arnold said made it the noblest form of literature, and you rob it of its most persuasive attribute.

It is fair and right that the people should demand that this beautiful form—their need of which is so instinctive—should be made readily accessible to them through the medium of the stage where all is rendered so picturesque that he who is not of a studious, intent cast of mind still may read. They should not be asked to satisfy this instinctive craving through the printed page which baffles them with its meagerness. They will have their stage. It is the duty of the cultivated minority—your duty—by whom the supreme works of art and letters are held in trust, to see that the multitude has the best set before it.

And what treasures of the stage of other days the stage of today may give back to the people! Certain of the best minds of every age in which the stage was seriously estimated found expression through the drama. Its history is the annals of preëminent minds. What a roll of glory it is! Aeschylos, Sophocles, Euripides, Aristophanes, Plautus, Terence, Seneca, Corneille, Racine, Moliere, Shakespeare and his contemporaneous Elizabethans, de Vega, Calderon, Goldsmith, Holcroft, Taylor, Robertson, Goethe, Schiller, Grillparzer, Scribe, Hugo, Augier, Dumas, *pere* and *fils*, Ibsen, Hauptmann, Sudermann, Rostand, Tennyson, Pinero, Phillips. These names glow. What a wealth of lovely tradition the old names carry with them—memories of Greek skies, of French courts, of German ducal theaters, of intrigues and tendencies literary and political, of rulers founding theaters that still survive while they levied wars that wrecked empires, of garrets and of salons, of impetuous men and beautiful women, of the rise and decline of schools of writing and schools of acting. The works of these men are the

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records of the race as a race of human beings. As such they are the most interesting documents we have, for in them men and women are talking one to another, and to them, from age to age, are applied the personalities of other men and women—I mean actors and actresses.

We cannot light the altar fires in the temples of antiquity; we cannot live by its laws. The old order changeth from age to age. Boundaries vanish. Shrines decay. Religions float away into myths. Heroes become demi-gods; erring men, monsters. Economic systems are outgrown, and philosophy and history become the prey of dry exegesis. But we can live the past again—and the most significant and vital aspects of it—in the drama of the past. We can visualize and vitalize the characters in its drama. We can echo again by the lips of our players the cry of the stricken hearts of Electra, and Ajax, and Antigone. We can hear again the solemn intoning of the watchman's prayer in the opening scene of the "Agememnon":

> . . . this inexorable watch, that now
> For one whole year, close as a crouching dog,
> On Agememnon's housetop have I kept,
> Contemplating the muster of the stars,
> And those transplendent Dynasties of Heav'n
> That as alternately they rise and fall,
> Draw Warmth and Winter over mortal man.

How mighty a thing this is; "contemplating the muster of the stars," "the transplendent dynasties of heaven." I cannot believe that the multitude would not give reverent heed to that solemn strain, that awful picture of a man alone with the firmament of God.

We can bring our minds to bear upon another age, the most artificial in the history of the race, the age of Louis XIV, and again come into close kinship with the past, for there we can hear the laughter of Scapin, or share the noble misanthropy of Alceste. We can repeat the high resolutions of all the ages, fathom their despair, see our new foes in old faces, understand, pity, rejoice as did other peoples, and so solve the riddle of other times and of our own.

These plays were once living documents. The stage and the stage alone can keep them alive. Between the covers of a book they are lost to the heirs of the world of men and women for whom they were written. It often is said that public taste has outgrown them. This is because public taste has lost that intimate apprehension of them that actual performance affords and it will become more catholic when they are restored. The old dramatists had something to say. They said it uncommonly well. They still read delightfully. They will act delightfully, too.

Shakespeare has lived not only because he is the supreme poet but also because somebody is always acting him. To be sure it may be added that somebody is always acting him because he is the supreme *dramatic* poet. He is practicable. He wrote for the stage and he needs the stage, not, certainly, as much as the stage needs him, but still he needs it. For proof of this, glance at any one of the volumes of Dr. Furness' Variorum Edition of the thirteen plays he has annotated and note that of all the lore this great scholar has collected for the elucidation of the plays, the most readable, the most instructive, the humanest, the most illuminating, is not that of the patient commentators but that which flows in an abundant stream from the greenrooms, from the memoirs of the recognized Shakespearean actors and actresses, and from the files of old journals which preserve the record of what those players did to project and illuminate Shakespeare, It is a record of great interpretative gifts nobly employed that we find in the Variorum appendices, and some

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times we find evidence there that the gifts amounted to positive inspiration.

There was a time when Shakespeare all but disappeared from the English-speaking stage and during that period appreciation of him lapsed, too. Garrick gave a profound impulse to the Shakespearean renaissance, solely by popularizing the poet with the multitude through the medium of the stage. Acting never performed a greater service for literature. Appreciation of Shakespeare's contemporaries is today confined to a very small circle by the same conditions that Garrick confronted and corrected. The Elizabethans have been lost to the stage, and so almost wholly lost to the multitude. This is a deprivation that nothing can make up to us except Shakespeare, but why not have both Shakespeare and his contemporaries? They, too, had something to say and said it nobly—Jonson in his pastorals, Beaumont and Fletcher in their delightful farces and their grim tragedies, Massinger in his searching studies of the dark and awful passions of the human heart. Give these men back to us through the medium of the stage, take them from the shelves of curious antiquarians and restore them to living men and women who by them may be moved to laughter and to tears, who may behold the unfolding of human sufferings, perplexities, defeats and victories, who may, in a word, know these dramas as the age for which they were written knew them. Wake for us again not alone the silent voices of the poets who made our language music; give back to us, too, the voices that spoke in alien tongues yet spoke the universal language of the stage. Breathe forth again the pure line of Racine that comes as from lips chiselled in marble, and let us feel across the footlights the ardor of Schiller who with a trumpet blast commanded the attention of his auditors to the stage, not the book, presentation of "The Robbers."

> Here you will witness, not without a shudder, the interior economy of vice; and from the stage be taught how all the tinsel of fortune fails to smother the inward worm, and how terror, anguish, remorse, and despair tread close on the footsteps of guilt. Let the spectator weep today at our exhibition, and tremble, and learn to bend his passions to the laws of religion and reason; let the youth behold with alarm the consequences of unbridled excess, nor let the man depart without imbibing the lesson that the invisible hand of Providence makes even villains the instruments of its designs and judgments, and can marvelously unravel the most intricate perplexities of fate.

Restore and make meaningful once more the acting traditions that sagacious interpreters have been building up for from one to four centuries. Let us plunge into these plays and grip the heart of them. Let us have audiences that know that "The Tempest" was written to be a part of the court festivities attending the nuptials of a gentle girl, that princess royal, daughter of James First, the very fashion of whose wedding garments is fondly recorded for us in the pages of an ancient chronicle:

> Her vestments were white, the emblem of Innocency, her hair dishevel'd, hanging down her back at length, an ornament of Virginity; a crown of pure gold upon her head, the cognizance of Majesty, being all beset with precious gems, shining like a constellation, her train supported by twelve young ladies in white garments, so adorned with jewels that her passage looked like a milky way.

This intimate detail is of immense illustrative value in that it vivifies the past and doing that it also vivifies the masterpieces that are our most precious inheritance from the past. And this is the pleasing lore we may carry to the people.

Let us have audiences that do not gaze dully at "the show of eight kings," as the old stage directions call it, in "Macbeth," but who know when it is restored to the acting text as it has been by one player recently, that by this dumb show Shakespeare paid a subtle compliment to his sovereign, James First of England and Sixth of

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Scotland, who traced his ancestry back to Fleance and Banquo.

Let us have audiences who can give heed to and rejoice in Moliere's epitome of a whole philosophy of life in a line, as when he says, "The more we love, the less we ought to flatter," or "My mind is no more shocked at seeing a man a villain, unjust or selfish, than at seeing vultures ravenous after carnage, apes mischievous or wolves lashed with fury." There is substance in Moliere—not mere smart sayings, not mere transcripts of the oddities of the day, but life, character, philosophy, humor, and a picture of the life we have got to confront.

Let us have audiences that shall know the literary history of the masterpieces, for that history is as interesting as is their theatrical history and more informing. Let me take one play as an illustration—the little farce of Moliere called "The Rogueries of Scapin." Not the least appealing aspect of that skit to us moderns turns upon an episode in literary history that had its origin in May of 1671 and to which Edmond Rostand may be said to have written the word finis in the closing years of the nineteenth century. In the manner of Shylock's wailing iteration of "My daughter, my ducats" so Geronte in the eleventh scene of the second act of "Scapin" moans again and again, "What the devil was he doing in that galley?" when he is shamefully mulcted by Scapin of the amount of an alleged ransom for his son, who, Scapin avers, is being held by the commander of a Turkish galley lying in the harbor. The phrase, "What the devil was he doing in that galley?" has passed into the coinage of the French language as an equivalent for "What business had he there?" applied to any foolhardy deed that has brought disaster. The essence and fun of the whole scene is said to have been taken by Moliere from a farce by Cyrano de Bergerac, and Rostand, with exquisite pathos, incorporated a reference to it in his play of "Cyrano de Bergerac." "I am indignant," cries Ragueneau to the dying Cyrano. "Yesterday they were giving 'Scapin' and I saw that Moliere has appropriated a scene of yours. Yes, monsieur, a whole scene—the one in which occurs the famous 'What the devil was he doing in that galley?'" "Hush, hush," whispers Cyrano. "He did well to take it. The scene was very effective, was it not?" They tell him how the people laughed, and the dying man is content, saying: "It is well done, and on the brink of the grave I approve it—Moliere has genius."

The sad, quaint tale from its inception in 1671 to the loving touch of finality Rostand gave it is one of those episodes that make literature a symbol of brotherhood, and we cannot forget either the classic farce or the modern romantic drama by which it twice is given immortality.

Now it requires no extraordinary elevation of public taste and no deep scholarship to bring it to pass that the people shall find pleasure in such lore. Hence instruct the people and begin by instructing the children. Encourage, through the far-reaching activities of this university, the study of classic drama in the public schools, and the supplementing of study with little experimental performances. They do that at Hull House with most gratifying results. Some of the best plays that have been given in Chicago during the past few seasons were presented not by the commercial managers but under special auspices —notably Beaumont and Fletcher's "Knight of the Burning Pestle," Goethe's "Tasso," Schiller's "Robbers," Shakespeare's "Tempest," Goldsmith's "Good-Natured Man," and various works offered by the Alliance Francaise and the French Club.

In a word, set about creating your

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public for good drama, in the elementary schools, the lecture room, the study class, the extension course, and in the unjustly scorned field of amateur theatricals. Knowing and loving the best plays, the people will demand them. The passion for novelties will be assuaged and when it is, the managers will give over the mad quest for new plays which is the bane of the contemporaneous stage. And at the same time a more discriminating and receptive audience will be created for worthy, new works. The value of the experimental presentation of classics by amateurs cannot be overestimated, for nothing begets study of a play like the performing of it. Next to that impetus comes the intent witnessing of it.

What the American stage needs more than anything else is not better actors or more alert managers, but an instructed, playgoing body that will take the dramatic form with some measure of the seriousness that it takes other art forms. That will require a trained public opinion and the fixing of standards that grows out of it. Standards on our side of the footlights will create standards on the other side. We may well take the most extensive German playgoing body in the West as our example. They have grown into standards and have fostered ideals. As a result the best all-round dramatic representations and the best average of plays seen in a community of two million people are those given one night in seven at Powers' Theater in Chicago by Mr. Wachsner's company. There the traditions are known, the authors are revered, the players are respected and the audiences are self-respecting.

The people will have their stage. Upon you, men and women of university training, and consequent broader outlook upon life and letters, it depends, more than upon anybody else, what kind of a stage they shall have, when in the years to come the media for general culture become more and more securely established in our national life. Will you by precept, by illustration, by the example of tentative revivals of the masters, unlock for them the classic literature of the stage, and not only vivify for them the past, but also speed the time when the newcomers in the field of dramatic writing may obtain wide recognition? As to the old plays, your experiments will be for the most part safe and pleasant. As to the new ones, significant not so much of the ancient passion for beauty as of the modern passion for truth, your service also can be great and far-reaching.

This university is sending forth 700 graduates every year. Profound and far-reaching will be the influence of your men if they go back into the world from which you took them with an understanding and a loving ardor in the cause of a lofty stage. This, too, is a teachers' school, and by their influence in its turn your influence will be multiplied beyond calculation. There is no propagandist like a student body honoring the precepts of the alma mater, and there will be, within a decade, an appreciable dramatic renaissance if there is an eager, sympathetic public of university-bred men ready for it. That leaven may be created here. The men of Yale are raising funds for a theater that will cost them $75,000, and they do not propose to enact truck, as may be indicated by the fact that "The Pretenders" of Ibsen is to be performed by them as part of the plan for earning the money for their playhouse.

The calm message of beauty, the wider view, the quickened conscience —these are the needs of our national life, and the responsive soul to hear the message and to comprehend the view must be created. In accomplishing that task the drama may be made the conspicuous aid of the teacher and the preacher. "The play's the thing," cried Hamlet, "wherein I'll catch the

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conscience of the king," and we hardly need to be told that demos is our king. He may be made a gracious ruler, as witness the storm of protest that arose in thrifty France when it was proposed last January to strike from the budget the annual governmental subventions of $1,800,000 for the maintenance of the four national theaters. "Art," said Gustave Rivet, rising to defend the appropriations in the French senate, "is a necessity of nature, and is of supreme utility by its incomparable influence."

From these noble groves and from these consecrated halls there can and there ought to go forth that influence which shall ultimately put back into our hands the flaming sword that once was wielded from the altar steps of Hellas.

JAMES O'DONNELL BENNETT, '91-'94.
Dramatic Critic,
Chicago *Record-Herald*.

News

ATHLETICS

THE SPECIAL TRACK MEET

Two indoor track records were broken in the dual meet held Mar. 23, between picked teams headed respectively by Garrels and Coe, and known as the "Spiders" and the "Flies." After a hard race with Maloney, Coe lowered his own record in the mile from 4:26 4-5 to 4:24 4-5, a record for the 14-lap track. Lightbody of Chicago has made the distance in 4:24 flat, but upon a 10-lap track. Davey lowered the record made last year in the quarter-mile by Goodwin, of 53 1-5 seconds, by a fifth of a second. The meet resulted in a victory for the Spiders, headed by Coe, score 47 to 39.

The results in the other events, while unexpected in some cases, were not surprising. Hodgen won the low hurdles, and Patterson the high jump. The alumni veterans, Harpham, Miller, Rebstock, and Goodwin, won a splendid victory in the relay over a picked team of undergraduates. Although Hunt and Allerdice had both done 11 feet in practice, Allerdice was unable to do 10 feet 6 inches, and the victory went to the former at that mark. The fencing championship was won by Sada, who defeated Shelton 8 to 4 and Brereton 7 to 6. Gernandt in winning the gymnastic contest from Mustard and Atkinson, won the championship of the University. The results follow:

Shotput—Garrels, first; Schulz, second; Arthur, third. Distance—42 feet 1 1-2 inches.
35-yard dash—Stewart, first; Bowman, second; Bristol, third. Time—:04 1-5.
40-yard low hurdles—Stewart, first; Smith, second; Hodgen, third. Time—:05 1-5.
40-yard high hurdles—Hodgen, first, Smith, second; Cotton, third. Time—:05 3-5.
Pole vault—Hunt and Wheat tied; Allerdice, third.
440-yard run—Davey, first; Leger, second; Netzorg, third. Time—:53.
High jump—Patterson, first; Hoppin, second; Rakestraw, third. Height—5 feet 9 inches.
880-yard run—Ramey, first; Lanning, second; Livingstone, third. Time—2:05.
Mile run—Coe, first; Maloney, second; Dull, third. Time—4:24 4-5.
Fencing contest—Sada wins from Brereton, 7 to 6.
Gymnastic contest—Gernandt, first; Mustard, second; Atkinson, third.
Relay race—Won by Garrels' team.
Alumni-engineer relay race—Won by alumni team.

THE INTERCLASS MEET

The last meet of the indoor season gave the class championship of the University to the 1908 engineers who won with a total of 19 points. The meet, however, was rather uninteresting with the single exceptions of the Japanese single stick fencing exhibition between Inui and Tanaka, and the class championship relay race. The latter was won by the senior engineer team consisting of Kern, Ramey, Coe, and Stewart, in 53 seconds flat, lowering previous records by four-fifths of a second. In the quarter-mile Davey negotiated the distance in 54 flat. The individual star of the meet, however, was Wheat of the 1909 lits, who scored the entire 13 points made by that class and won third place for his team. The results follow:

Shotput—Schulz, first; Embs, second; Ruby, third. Distance—41 feet 6 1-2 inches.
35-yard dash—McKinnon, first; Cotton, second; Curtis, third. Time—:04 2-5.
40-yard low hurdles—Cotton, first; Wheat, second; Pollak, third. Time—:05 3-5.

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40-yard high hurdles—Wheat, first; Cotton, second; Pollak, third. Time—:05 4-5.
Pole vault—Wheat, first; Levison. Height—9 feet 6 inches.
440-yard run—Davey, first; Merritt, second; Leger, third. Time—:54.
Gym team: Horizontal bars—Bulmer, first; Atkinson, second; Anderson, third.
High jump—Rakestraw and Knapp tied; Wolin, third. Distance—5 feet 8 inches.
880-yard run—McCrath, first; Livingstone, second; Stoepel, third. Time—2:08 3-5.
One-mile run—Tower, first; Cole, second; Saxton, third. Time—4:42 3-5.
Relay race—'07 engineers won from '08 laws.
Score by classes: 1908 engineers, 19; 1909 engineers, 18; 1909 lits, 13; 1910 engineers, 12; 1909 laws, 11; 1908 laws, 5; 1908 lits, 3; 1907 lits, 3; 1907 engineers, 3; 1910 lits, 2.

THE BASEBALL PROSPECTS AND SCHEDULE

Outdoor practice for the baseball team began March 22, and has continued intermittently, owing to unfavorable weather, since that time. It is somewhat difficult at the present writing to judge accurately of the merits of the team because of the comparatively small amount of outdoor work. The catchers, however, are causing Coach Lowe little worry, as Loell and Emerman are in good shape. The former will probably be used the greater part of the time, since he is markedly superior as a batsman.

The infield looks well at the present time, with Captain Taft at first, Kelley and Patterson, both veterans, at their old positions of second and shortstop respectively, while Giddings will play third base. Martin, Whipple, and either Eyke or Gilbert will probably form a trio of competent pitchers. Whipple, who is a "southpaw," has been doing well so far, and the chances are he will be called upon to do most of the work after the spring trip. The hardest part of Coach Lowe's problem is in the outfield positions. However, Martin will doubtless play left field, while Wheeler will probably keep to the right. Sullivan will be unable to take the spring trip on account of a condition, and either Mellon or Pierce will hold the place in center field. The schedule for the coming baseball games, as far as it has been arranged, is as follows:

April 13—Chicago at Chicago.
April 15-16-17—Grand Rapids Central league team at Grand Rapids.
April 18-19-20—M. A. C. at Lansing.
April 27—Illinois at Ann Arbor.
May 1—Oberlin at Ann Arbor.
May 4—Illinois at Champaign.
May 7—Chicago at Ann Arbor.
May 15—Williams at Ann Arbor.
May 18—Illinois at Champaign.
May 21—Chicago at Chicago.
May 25—Illinois at Ann Arbor.
May 29—M. A. C. at Lansing.
May 30.—O. S. U. at Ann Arbor.
June 1—Chicago at Ann Arbor.

The opening game of the baseball season was played between the Varsity and the Ineligibles headed by Assistant Coach Sanger. The result was a victory for the Varsity, score 5 to 1, although the line-up of the regulars was a makeshift. Captain Taft went in at second in Kelley's absence, while Dunne succeeded the captain at first. Hawkins took Patterson's place at shortstop, leaving Giddings the only regular infielder playing a position. Sanger pitched four innings against his own Ineligibles and allowed but two hits and no runs.

The score by innings:

Varsity	0	0	1	0	1	0	1	0	2	5	7	4
Ineligibles	0	0	0	0	0	1	0	0	0	1	5	6

Batteries—Sanger, Whipple and Ovitz, Loell and Emerman; Donahue, Weller, and Enseroth. Umpire—Eldridge.

FINALS IN THE BASKETBALL SERIES AND THE WRESTLING MATCHES

The semi-finals of the class basketball championship series were played March 14 between the fresh and junior engineers, and the soph engineers and junior laws, leaving the final championship to be decided between the underclass engineering teams who won in both cases.

On Saturday, March 16, the finals between the two teams were played. The game was attended by a considerable crowd, aroused a great deal of interest, and was in doubt until the gong announced the end. The sophomores won by 16 to 12. The sophomores excelled in team work and really deserved their victory, although the individual star of the game was McEldowney, who belonged to the freshmen. He threw no less than four of the field goals scored by the losers and his work stood head and shoulders above that of the other nine men.

At the start of the game the freshmen took the sophomores off their feet, and until the middle of the first half the runnersup looked like Varsity champions. The work of the sophomores, however, began then to pick up, and the remainder of the half was a see-saw with the champions at a slight advantage at the close with a score of 10 to 7. In the second half the freshmen scored five points on a rally before their opponents could gather themselves. Close, fast work followed on both sides, until within less than a minute of play, Tyler won the game, score 16 to 12. The line-up was as follows:

1909 Engineers.		1910 Engineers.
West (Capt.)	R. F.	McEldowney
Dunsmore	L. F.	Molony (Capt.)
Tyler	C.	Remington
Wasmund	R. G.	Miller
Campbell	L. G.	Flanagan

Field goals—Dunsmore, Tyler 2, Wasmund 3—6; McEldowney 4, Molony—5.
Goals from fouls—West 4 in 7, Remington 2 in 3. Time of halves—20 minutes. Referee—Maris. Timers—Workman and Rheinschild. Scorer—Eldridge.

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The basketball game was succeeded by several wrestling matches which aroused much interest. Morgan and Bullock, two featherweights, were so evenly matched that two bouts of six minutes each and one bout of three minutes was not sufficient to decide the championship, and it was called a draw. In the lightweight championship Anderson won over Decker in 5 1-2 minutes. The welterweight championship was won by Lee over Withey, in less than two minutes. In the middleweight class Kelly touched Truscott's shoulders to the mat, after three minutes of skillful wrestling in one of the prettiest matches of the evening.

Then followed a Cumberland-Westmoreland, or as it is more commonly known, a back hold match, in which Emerman threw Kenfield in thirty seconds. After that, Kenfield's superior strength and quality told and he threw Emerman for the next two bouts. By far the most interesting match of the evening, however, was that of the two heavyweights, Graham and Parks. "Octy" outweighed his opponent considerably, and after five minutes of strenuous endeavor secured an arm lock, pressing Park's shoulders to the mat.

SPRING FOOTBALL PRACTICE

With the arrival of Coach Yost in Ann Arbor, March 26, the spring football practice began in earnest. Prior to his coming a meeting of all the candidates for the 1907 team had been held in the trophy room. Over fifty men answered the call, and listened to speeches by Director Baird, Keene Fitzpatrick, and Captain Magoffin. All emphasized the necessity of keeping up college work.

The coach expects to keep up the practice for about a month or until hot weather. The practice has been confined largely to running down on punts and passing the ball. The greater number of the men responded to the call for quarterbacks.

REGULATION OF CLASS NUMERALS

Decisive action, limiting definitely the distribution of class numerals, as well as Varsity insignia, has been taken by the Board of Directors of the Athletic Association. Heretofore the only limitation to the number of numerals granted has been the ability of the team members or the class to pay for them, and the result has been the distribution of about six hundred sets, where under the new regulations but about one hundred and twenty will be given out. Now only the teams reaching semi-finals will be granted insignia.

The resolutions which were passed by the board are as follows:

REGULATION OF VARSITY INSIGNIA.

Article I.

Sec. 1. No undergraduate or alumnus of the University of Michigan shall be allowed to wear the University of Michigan insignia or Varsity "M," unless he be a member of the University of Michigan football, baseball or track team, except as otherwise provided for in Article II.

Sec. 2, 3, 4. The football, baseball and track teams shall be composed of men chosen by the respective team captains.

Sec. 5. The managers of the football, baseball, track and tennis, and interscholastic departments shall be entitled to wear the monograms of their respective department on a cap.

Sec. 6. Members of the Athletic Board shall be entitled to wear the Board cap.

Article II.

Sec. 1. The captain of the tennis team shall select the University representatives in all intercollegiate and dual tennis meets, and shall name those players who win first in either firstclass singles or first-class doubles in an intercollegiate tennis meet as wearers of the tennis "M."

MONOGRAMS.

Article III.

Sec. 1. The following men only shall be allowed to wear the Varsity "M" on their sweaters or jerseys: the captains and members of the football, baseball, track and tennis teams respectively.

Sec. 2. The members and managers only of the four departments, Varsity football, baseball, track and tennis, shall be allowed to wear monograms on their caps.

REGULATIONS FOR CLASS ATHLETICS.

Article IV.

Sec. 1. No undergraduate or alumnus of the University of Michigan shall be allowed to wear any class numerals, unless he is a member of a class football, baseball, track or basketball team, as provided for in the following sections.

Sec. 2. Numerals shall be awarded to the members composing the class football, baseball, track and basketball teams qualifying for the semi-finals. By the teams qualifying for the semi-finals in the sense of this article are meant those teams remaining eligible for the series preceding the final contest.

Sec. 3. Numerals shall be awarded to the various class teams according to the following regulations:

(a) Football, not more than 15 sets.
(b) Baseball, not more than 12 sets.
(c) Track (relay), not more than 6 sets.
(d) Basketball, not more than 7 sets.

The managers of the various teams shall be included in this number.

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Sec. 4. If, in any case, the manager and captain of any class team deem it advisable and just to award a greater number of numerals than is herein prescribed, they may, with the consent of the Board of Directors of the Athletic Association, grant such numerals. Such consent may be obtained only upon petitioning said Board, stating fully all reasons for the request.

Sec. 5. Contestants winning points in the annual interclass indoor meet shall be awarded their respective numerals, as described in section 7.

Sec. 6. Contestants winning points in the annual fresh-soph indoor meet shall be awarded their class numerals.

Sec. 7. The literary classes, as heretofore, shall use class numerals on their team sweaters. The other department teams shall use the initial letter of their department together with the numerals as heretofore; provided also that the numerals be in such position as to appear plainly and well in the center in the monogram, and provided that the medical classes wear an Old English "M," this to be the same for all medical classes and teams. The Varsity manager in each department of athletics shall determine whether the designs proposed fit these requirements.

Sec. 8. Class numerals shall be worn as hereinafter provided:

Football numerals shall be worn on sweaters and caps.

Baseball numerals shall be worn on jerseys and caps.

Track (relay) numerals shall be worn on track shirts and caps.

Fresh-Soph track team numerals shall be worn on shirts, jerseys and caps.

Basketball numerals shall be worn on shirts and caps.

Interclass track numerals shall be worn on shirts and caps.

Article V.

Sec. 1. Varsity substitutes and members of the Reserve football team shall be allowed to wear the "R."

Sec. 2. Members of the track squad, who compete in any intercollegiate meet, shall be allowed to wear the "A.M.A.," provided such be the will of the captain of the track team.

Sec. 3. The members of the Gym team shall be allowed to wear monograms on jerseys and caps, such monograms to be approved by the Athletic Board.

Article VI.

Sec. 1. No athletic team shall use the title "University of Michigan" until application has been made to, and permission granted by, the Athletic Board.

Sec. 2. The Athletic Board shall have entire control over the awarding of insignia to all athletic teams not hereinbefore provided for.

Article VII.

Sec. 1. All former resolutions or privileges passed or granted, conflicting with the above articles, are hereby declared null and void.

RULES FOR CLASS TEAMS.

1. All class games shall be played according to the schedule established by the Interclass manager.

2. Officials for the games shall be appointed by the Interclass manager and shall meet the approval of the captains of the contesting teams.

3. The names of the players shall be given to the Interclass manager four (4) days before the opening of the class series.

4. All protests must be filed with the Interclass manager at least two (2) days before the first game.

5. No man who is with the Varsity squad after the day before the opening of the class series shall be eligible for his class team.

6. No man having an "M" shall be allowed to play on his class team in the same department of athletics in which he won his "M." Exception: an "M" track man may run on his class relay team.

7. A player shall compete with the team of the class in which he is registered. The University record shall be final in all cases.

Professionals shall not be allowed in any interclass contest. Special students shall play with the team of the class with which they entered college.

Note: This rule is to be construed by the committee according to the circumstances of the case.

8. No class team shall use the block "M" or the colors "Yellow and Blue" or "Yellow and Black" for class insignia. Managers of all class teams shall submit the designs for their caps, sweaters and jerseys to the Varsity manager of their department of athletics. His approval must be obtained before caps, sweaters or jerseys are ordered.

9. Classes whose teams violate these rules shall be expelled from interclass athletic contests.

10. Any point of dispute arising under these rules shall be decided by the Athletic Board.

11. No class game, either baseball or football, shall be scheduled to be played until after 4 p. m. on any day except Saturday.

12. No athletic team shall schedule out-of-town games unless sanctioned by the Athletic Board.

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CAMPUS CALENDAR

COMING EVENTS

APRIL

Monday to Wednesday, 15, 16, 17.—Baseball: Grand Rapids Central League team v. Michigan, at Grand Rapids.

Thursday to Saturday, 18, 19, 20.—Baseball: Michigan Agricultural College vs. Michigan, at Lansing.

Monday, 22.—College work resumed after spring vacation.

Saturday, 27.—Dr. Guy L. Kiefer, at Sarah Caswell Angell Hall, under auspices of Students' Medical Society.—Baseball: Illinois vs. Michigan, at Ferry Field.

MAY

Friday, 3.—Moliére's "Le Bourgeois Gentilhomme" given by the Cercle Français.

Wednesday to Saturday, 8, 9, 10, 11.—Annual May Festival concerts.

Saturday, 11.—Varsity Field Day. Ferry Field.

Friday and Saturday, 24 and 25.—Annual Interscholastic Meet. Ferry Field.

JUNE

Sunday, 16.—Baccalaureate address by President Angell.

Monday and Tuesday, 17, 18.—Class day exercises in the various departments.

Wednesday, 19.—Alumni Day. Reunions of the classes of '64*m* and '57, '67, '72, '77, '82, '87, '97, '02, in all departments.

Thursday, 20.—Commencement address by Ira Remsen, LL.D., President of Johns Hopkins University.

Friday, 21.—Vacation begins.

PAST EVENTS

MARCH

Friday, 1.—A committee from the legislature visited the Campus.—The New York Club held a banquet at Whitmore Lake.—The freshman and sophomore laws, after an exciting basketball contest, scored 12 to 12.—Nearly two hundred junior lits attended a combined banquet and dance in Barbour gymnasium.—The Jeffersonians held their annual banquet at Ypsilanti.

Saturday, 2.—The Comedy Club gave the second presentation of "A Scrap of Paper."—The fresh-sophomore athletic meet was won by the freshmen.—The Webster Society held their annual banquet in Ypsilanti.—A mock Michigan constitutional convention was organized, with membership open to any student of the University.—The Civics Club held a social session in the form of a beefsteak dinner.—The electrical branch of the Engineering Society discussed trolley and third-rail systems.—The junior medics organized a one-hour course in writing prescriptions for diseases to be proposed by the instructor. The purpose is to keep in mind the work in materia medica and therapeutics, and supplement the senior clinical work.

Sunday, 3.—Miss Marie Hagelson addressed the Y. W. C. A. concerning the factory extension work in Chicago.—E. W. Booth, manager of the *Grand Rapids Press*, spoke to men in McMillan Hall.

Monday, 4.—Julius O. Schlotterbeck, dean of the Pharmacy Department, delivered an address before the Chemical Colloquium on the subject, "Alkaloids of the Soanceae."—Hugh Black, D.D., of Edinburgh, gave the first of a series of four lectures on religion, under the auspices of the Ferry lectureship.

Tuesday, 5.—Work was begun by the baseball team.—At the second annual meeting of the Canoe Club the following officers were elected: President, Professor Claude H. Van Tyne; vice-president, George M. Bartlett; secretary, Miss Richardson; treasurer, Oscar Eberbach; directors, Professor Dow, Albert L. Lockwood, Dr. Pillsbury, Professor Bates, Harmon O. Kline, and Mr. Griffen. Plans were made for the erection of a clubhouse.—Creatore's band appeared in University Hall under the auspices of the Students' Lecture Association.—The senior engineers met to decide on a class memorial.

Wednesday, 6.—"The Constitutionality and Enforcement of the Liquor Laws" was discussed before the law students by William A. Rice, of Chicago, speaking under the auspices of the Intercollegiate Prohibition Association.—The Sociology Club listened to the report of their committee on labor conditions in Ann Arbor.—Dr. Hickey, of Detroit, addressed junior and senior medical classes on "Recent Developments in X-Ray Technique."

Thursday, 7.—The *Daily* staff gave an informal banquet to the members of the *Inlander and Michiganensian* staffs.—The freshmen engineers scored 10 to 9 against the junior lits in basket ball.

Friday, 8.—The Cosmopolitan Club was entertained by Professor D'Ooge and his

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wife.—Two groups of the Woman's League presented a light comedy entitled "Our Aunt from California." This was followed by dancing and light refreshments.—The senior laws held their annual banquet at the Cook House.—The junior laws held a smoker.—The mechanical branch of the Engineering Society discussed apprentice systems.

Saturday, 9.—The Ohio Club held their annual banquet at the Cook House.—The Sociology Club was addressed by Mrs. Florence Kelly, of the National Consumers' League, on "Conditions in the Factory." The Varsity athletic meet took place in Waterman Gymnasium.

Sunday, 10.—Graham Taylor, of the Chicago Commons, gave an address in Newberry Hall on "Claims of Public Service upon Educated People."

Monday, 11.—The annual freshman banquet was held.—The senior lits decided to leave, as class memorial, a clock valued at three hundred dollars to the Michigan Union club house.

Tuesday, 12.—The freshmen engineers scored the juniors 19 to 18 in semi-final basketball contest.—The sophomore engineers won from the junior laws with a score of 20 to 15.

Wednesday, 13.—Senator La Follette, of Wisconsin, spoke on "Representative Government," in the S. L. A. Course.

Thursday, 14.—The Deutscher Verein presented "Der Bibliothekar" in Sarah Caswell Angell Hall.—The announcement was made that Lawrence C. Hull, Jr., '05-'08*l*, had received the Rhodes scholarship at Oxford.—The first bouts of the spring fencing tournament were held.

Friday, 15.—The Woman's League gave a unique representation of the costumes of an old-fashioned portrait album.—Professor H. P. Williamson, of Chicago University, gave a recital before the Cercle Français on "French Music."—First honors in the oratorical contest were awarded to Floyd A. Deahl, *'07l*, Goshen, Ind. Sheridan Downey, *'07l*, Laramie, Wyo., ranked second.

Saturday, 16.—The inter-class basketball series was closed by a game between the freshmen and sophomore engineers, the score being 16 to 12 in favor of the sophomores.—The Alpha Nu and Webster Societies held a joint meeting in the newly-furnished Alpha Nu rooms.—The Cosmopolitan Club gave an entertainment in Sarah Caswell Angell Hall.—The senior girls enjoyed a Saint Patrick's Day tea.

Monday, 18.—The junior engineers nominated members of the *Michiganensian* board and appointed a committee to investigate the eligibility of engineering students for the positions of business manager and managing editor of the *Michiganensian* and president of the Students' Lecture Association.—The Chemical Colloquium listened to a paper by Dr. D. M. Lichty on "Molecular Weights in the Liquid State."—The senior laws chose the following class day participants: Valedictorian, Hugh T. Martin, Monmouth, Ill.; historian, Claude C. Fogle, Lancaster, Mo.; prophet, Merrick K. Edwards, Adrian, Mich.; poet, Lloyd F. Gates, Garrett, Ind.

Tuesday, 19.—The sophomore lits held a dance in Barbour Gymnasium.—The Cross Country Club took its first spring run.—The board of directors of the Athletic Association decided that numerals should be awarded only to those teams reaching the semi-final contests.—The University Y. W. C. A. installed the following officers: President, Martha Downey, '08, Denver, Colo.; vice-president, Minnie E. Baldwin, '08, Flint, Mich.; treasurer, Ruth M. Anderson, '10, Quincy, Ill.; secretary, Hope G. Conklin, '10.—The electrical branch of the engineering society discussed railway block signals.—The Association of Graduate Students of the University of Michigan completed its organization by electing the following officers: President, Frank J. Mellencamp, '03, A.M. '06; secretary, Harry C. Thurnau, '99, A.M. '03; treasurer, Henry M. Gelston, '00.

Wednesday, 20.—Chester S. Carney, '05, addressed the Sociology Club on the D'Arcambal School for Boys at Detroit.—The Camera Club made plans to enter the spring intercollegiate contests.—At a meeting of the Student Council, a committee was appointed to gather suggestions for the improvement of the spring inter-class contests.—Members of the graduate school enjoyed an informal reception in Barbour Gymnasium.

Thursday, 21.—James O'Donnell Bennett, dramatic critic of the Chicago *Record-Herald*, delivered an address on "The University and the American Stage" under the auspices of the English Department. Following the address a banquet was given in his honor, by the University Press Club.—The following junior laws were elected by their classmates and confirmed by the Faculty as student editors of the Michigan *Law Review* for the year 1907-8: Willard T. Barbour, Ypsilanti, Mich.; Paul T. Barnes, Beaver Falls, Pa.; Clyde A. DeWitt, Ann Arbor; Stephen W. Downey, Laramie, Wyo.; Frank B. Fox, Washington, D. C.; Arthur F. Friedman, Denver, Colo.; Harold W. Hanlon, Williamston, Mich.; Frank P. Helsell, Odebolt, Iowa; Burns Henry, Detroit, Mich.; William B. Henry, Mecosta, Mich.; John C. Howell, Ann Arbor; Ross F. Moore, Terre Haute, Ind.; Riley E. Morgan, Winfield, Kans.;

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Robert M. See, Hamilton, Ohio; Oliver Starr, Poneto, Ind.; Marsahll M. Uhl, Grand Rapids, Mich.; John E. Winner, Perrysville, Pa.

Friday, 22.—William Jennings Bryan lectured on "The Old World and Its Ways" in the S. L. A. series.—Professor W .E. Castle, of Harvard, spoke on "The Experimental Study of Heredity," in the New Medical Building.—The baseball squad held its first outdoor practice.—The annual Sophomore Prom was held at Granger's Academy.

Saturday, 23.—Alice Hamilton, M.D., of Chicago, spoke before the Students' Medical Society on "Opsonins."—A special meet between Garrels and Coe teams was held in the Gymnasium.—The sophomore girls defeated the freshmen with a score of 40 to 9 at indoor baseball.—The *Michiganensian* election for the coming year resulted in the appointment of Oscar L. Boose, '08*l*, Somerset, Pa., as managing editor, and James W. McCandless, '08, Dayton, Ohio, as business manager.—The following juniors were elected to the board of control: Lits, Ward S. Bowman, Caledonia, Mich., and Henry C. Taft, Ann Arbor; laws, Charles A. Shierson, Adrian, Mich., and Wilbur C. Bacon, Chicago; fraternities, Walter D. Graham, Chicago and Harold H. Shearer, Bay Ciy, Mich.; engineers, Harry A. Shuptrine, Detroit, Mich., and Carl E. Paulson, Omaha, Neb.; dent., William J. Plunkett, Blissfield, Mich.; medic, Arthur L. Anderson, Aurora, Ill. The Faculty representatives are Professor Joseph M. Thomas and Evans Holbrook.

Monday, 25.—The Ern String Quartet gave the first of a series of concerts for the benefit of the Michigan Union, in University Hall.—Dr. Edward Channing, of Harvard, spoke on "Elizabethan Seamen," in Sarah Caswell Angell Hall.—U. P. Randall, of Detroit, addressed the Sociology Club on "The House Problem."

Tuesday, 26.—The sophomore engineers held a smoker.—Dr. E. R. Larned, of Chicago, lectured before medical students on "The Manufacture and Testing of Serums."

Thursday, 28.—The University Young Men's Christian Association elected the following officers: President, Walle W. Merritt, '08, Portland, Ore.; vice-president, Ward S. Bowman, '08, Caledonia, Mich.; secretary, Elmer C. Adams, '08, Scotland, Ill.; treasurer, Andrew Lenderick, '08*e*, Kalamazoo, Mich.; handbook manager, Harold P. Gould, '10, Riverside, Ill.; director of freshman work, Allen H. Frost, '10, Buffalo, N. Y.

Friday, 29.—The Indiana Club held a banquet.—The junior lits held a smoker.—The Michigan Academy of Science and Michigan Schoolmasters' Club held the second of three days session in University Hall.—The Ohio Club held the last meeting of the year.—The Jeffersonian Society elected the following officers: President, Jesse W. Woods, '09*l*, Kent, O.; vice-president, John C. Gungel, '09*l*, Willcox, Ariz.; secretary, Lamar Williamson, '09*l*, Monticello, Ark.; treasurer, Earl F. Case, '09*l*, Canandaigua, N. Y.; critic, Earl A. Bagby, '08*l*, Visalia, Calif.; marshall; Guy B. Finley, '08*l*, Bangor, Mich.—The girls' classes at the Gymnasium gave an exhibition before the Schoolmasters' Club.

Saturday, 30.—The girls' indoor athletic meet was held.—The annual inter-class men's meet occurred in Waterman Gymnasium.

UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

THE FOURTEENTH MAY FESTIVAL

The complete program of the five concerts of the Fourteenth Annual May Festival, to be held at Ann Arbor, May 8, 9, 10, 11, has just been published. Those who have heard many of the former series will recognize some old favorites, although there are several artists who have never been heard before in University Hall.

The opening of the series of concerts on Wednesday night is an innovation which will be appreciated. The concert which has heretofore been given on Saturday afternoon will now, instead, open the series on Wednesday night, extending the time by one day. Attendance will thus be less fatiguing and will give more time for the visitors to see Ann Arbor and the University.

As usual the Theodore Thomas Orchestra will play at all the concerts under the leadership of Mr. Stock and Professor Stanley. Those who desire further information may obtain it by writing to the secretary of the School of Music, Mr. Charles A. Sink.

PROGRAM OF CONCERTS.

First Concert, Wednesday Evening, May 8, 8:00 o'clock.

Soloists: Mr. Herbert Witherspoon, Bass; Mr. Leopold Kramer Violin.

Overture, "Tannhäuser" ..... *Wagner*

a. Madrigal ..... *Floridia*

b. "Air du Tambour-major" .... *Thomas*

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"An Afternoon of a Faun" *Claude Debussey*
Concerto No. 2, D Minor, Op. 44...*Bruch*
Adagio ma non troppo; Recit.-Finale
Scenes de Ballet, Op. 52.....*Glasounow*
"Wotan's Farewell," and "Magic Fire" .....*Wagner*

Second Concert, Thursday Evening, May 9, 8:00 o'clock.

The "Messiah" .....*Händel*
An Oratorio in Three Parts.
Soloists: Mrs. Corinne Rider-Kelsey, Soprano; Miss Janet Spencer, Contralto; Mr. Edward Johnson, Tenor; Mr. William Howland, Bass; The Choral Union.

Third Concert, Friday Afternoon, May 10, 2:30 o'clock.

Soloists: Miss Janet Spencer, Contralto; Mr. Albert Lockwood, Pianist.
Overture, "Genoveva" .....*Schumann*
"Sea Pictures" .....*Elgar*
Concerto, for Pianoforte, No. 4, D. Minor, Op. 70.....*Rubenstein*
Moderato; Moderato assai; Allegro
Symphony, No. 7, A Major, Op. 92 .....*Beethoven*
Poco sostenuto-vivace; Allegretto; Presto; Allegro con brio.

Fourth Concert, Friday Evening, May 10, 8:00 o'clock.

Soloists: Mrs. Corinne Rider-Kelsey, Soprano; Miss Janet Spencer, Contralto; Mr. Edward Johnson, Tenor; Mr. Herbert Witherspoon, Bass.
Overture, "In the South".....*Elgar*
Aria from "La Bohème".....*Puccini*
"Ball Scene," from "Romeo and Juliet" .....*Berlioz*
Aria, "Il est doux, il est bon"....*Massenet*
Symphonic Poem, "On the Moldau" .....*Smetana*
Aria, "Voi che sapete" (Figaro)...*Mozart*
"On the Shores of Sorrento"...*R. Strauss*
Quartette, "Rigoletto" .....*Verdi*
Kaisermarsch .....*Wagner*

Fifth Concert, Saturday Evening, May 11, 7:30 o'clock.

"Samson and Delilah," An Opera in Three Acts .....*Saint-Saëns*
Cast: Delilah, Mme. Schumann-Heink; Samson, Mr. Van Yorx; High Priest, Sig. Campanari; Abimelech, Old Hebrew, Mr. Witherspoon; The Messenger, Mr. Killeen; The Choral Union.

THE REV. HUGH BLACK AT ANN ARBOR

Hugh Black, the Scotch divine who has recently been delivering a series of lectures at the University of Michigan was greatly imprssed by many things which he saw in Ann Arbor. As a Scotchman who has come to this country from Edinburgh, and from perhaps the most commanding pulpit in Scotland, that of Free St. George's, his opinions of things American and of university life in particular are of great interest.

In a recent interview published in the *Michigan Daily* he stated that "College audiences seem the same throughout the country. There is apparently no line of demarcation between the east and west in the matter of intellectuality. Western students are just as keenly perceptive as those bred in the traditionally cultured east."

The vast crowds of students, as well as the absolute lack of a common meeting place for them, struck him as the most noteworthy feature of student life at Michigan.

"I am greatly surprised,' said he, "at the number of people thronging the campus during class hours. I never saw anything like it before. It is also an astonishing fact to me that so great a university could have existed so long without any means of promoting proper fellowship in the student body. In Scotland, college life centers around our student clubhouses and commons. Committee meetings, club meetings, student gatherings, and in many instances reilgious services, are held in such institutions. The Michigan Union movement will undoubtedly supply this deficiency. This seems one of the few things in which Michigan falls behind the other schools. I have visited Yale, Harvard, Cornell, and Chicago especially. Chicago has been making tremendous strides of late, and Michigan, backed as it is by the public and not by private individuals, should be able to advance just as rapidly."

Mr. Black also had a word to say about American journalism. He expressed surprise that American reporters as a rule knew no shorthand; in England every reporter is an expert stenographer. To his mind, the verbatim reports of the Englishmen were superior to those concocted under the impressionistic method of the Americans. What we get ordinarily are not facts, but the reporter's ideas of the facts.

"The thing you term 'yellowness' is a tremendous defect in American journalism," he said. "It is successful perhaps with the ignorant, but has no effect upon the substantial element of the people. The matter has simply come to this: if you see an item in one paper, you believe it; if in another, you are not sure. Yellow journalism may prove a self-corrective evil, but the debauchery of the mind accompanying it will check the progress toward reform."

In personal appearance, as well as in keeping in touch with practical affairs, Mr. Black seems more the student and litterateur than the theologian and orator. One

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FLOYD A. DEAHL, '07 L

WINNER OF SEVENTEENTH ANNUAL ORATORICAL CONTEST

THE CHICAGO ALUMNI MEDAL

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is particularly impressed with his high forehead, clean-cut jaw, prominent cheek bones, and large, slightly sunken eyes. He is, however, pre-eminently an out-of-door man. He said, smiling, that in the four days spent here since his arrival from Chicago, he was sure he had visited every corner of Ann Arbor.

The five lectures which he gave, under the Ferry foundation, proved immensely popular, and attracted such large crowds that the last two were delivered in University Hall. In the course of one of his addresses he took occasion to express his hope that a theological school may be established in connection with the University.

THE DETROIT OBSERVATORY AT ANN ARBOR

One of the oldest buildings at the University is the Observatory, which dates back to the day of President Tappan's inaugural address in 1853. The measures that led to the erection and furnishing of this adjunct of the University, originated in a conversation, on that day, between Henry W. Walker of Detroit and President Tappan. Mr. Walker was greatly influenced by the address and the desire came to him to do something to help perpetuate the University. In reply to a question by Mr. Walker as to what he could do to promote the interests of the institution, Dr. Tappan suggested that Mr. Walker start a subscription among the citizens of Detroit for the establishment of an observatory.

Acting on this suggestion Mr. Walker raised $15,000, paying $5,000 of the amount himself. The first proposed site for the Observaory was a plot in the center of the Campus, but later the present site was decided upon. The building and instruments cost $22,000, the Regents defraying the remainder of the expense from the University fund.

In the year 1869-70, the Observatory was enlarged and renovated, citizens of Detroit contributing $3,000 and the city of Ann Arbor a like amount to defray the cost of improvements. In honor of the generous donations from Detroit the Observatory was named The Detroit Observatory, a title which it still bears.

During a visit to Germany in the first year of his presidency Dr. Tappan prevailed upon Dr. Francis Brünnow, the assistant of the distinguished astronomer Encke of Berlin and the author of valuable astronomical works, to come to Ann Arbor as Director of the Observatory and Professor of Astronomy in the University. Dr. Brünnow remained until 1863 save that in the interval he spent a year as Director of the Dudley Observatory at Albany.

Dr. Brünnow was one of the men who have given the University its high character for scientific instruction. Among those whom he trained was James C. Watson, '57, who served as Professor of Astronomy during Brünnow's absence at Albany and became his successor when he returned to Europe in 1863. Mr. Watson held the position till 1879, when he went to Wisconsin where he died about a year later at the age of 41. By his brilliant discoveries Mr. Watson gave the Observatory a reputation that is part of the annals of Astronomy. In 1868 when he was but 28 years of age Mr. Watson published his "Theoretical Astronomy," a book that ever since has been accepted as a standard treatise. While at the University of Michigan he discovered twenty-three asteroids and not only observed their positions but also computed their orbits.

From 1879 to 1892 Professor Harrington had charge of the Observatory and the Astronomical work at the University. During his administration a number of smaller instruments were obtained. Most of these were especially for purposes of instruction. Professor Harrington resigned to accept a position as Chief of the Weather Bureau and was succeeded by Professor Hall who held the position up to 1905.

In the year 1905 Professor Hussey took charge of the Observatory and Department of Astronomy and is still at the head of this work. He is especially well-known for his double star work and has received high honors for his astronomical discoveries. He is associate member of the Royal Astronomical Society of London and honorary member of the Mexican Astronomical Society. In addition to these marks of distinction he recently received with R. G. Aitken of the Lick Observatory, the Laland prize in Astronomy. This prize is awarded annually by the French Academy of Sciences to the person or persons who have "made the most interesting observation or written the best memoir, or accomplished the work most useful in the progress of astronomy." S. W. Burnham, the astronomical authority, says of Professor Hussey, "He has made a brilliant record in all fields of double star work and one that will not be forgotten as time goes on."

Without question the most important thing the Observatory has accomplished is the training of students in astronomy. In this way it has exerted a wide influence on the development of that science in the United States. This is evident when it is known that the Directors of some of the largest and best observatories in the United

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States are graduates of the University of Michigan. Among these are the Directors of Lick Observatory, Washburn Observatory, University of Pennsylvania Observatory and the Students' Observatory of the University of California. Besides these many astronomical workers have been sent out who are assistants at different observatories. The work in astronomy at the University includes a course designed to give a general view of the subject as well as courses dealing with the mathematical and theoretical sides . A practical course is also offered which requires day and night work at the Observatory.

PHYSICAL TRAINING FOR UNIVERSITY WOMEN

The physical welfare of the women attending the University of Michigan is as carefully looked after in Barbour Gymnasium, as it is in the case of the men, in Waterman Gymnasium. Half the total number of women enrolled in the University are taking this work, which is graded to cover a period of three years, although only one year of it is obligatory.

All freshman students are required to take a year of "gym" work unless some excellent reason for not doing so is given. The first-year classes meet three times a week for forty minutes, and the students are passed or not passed in the courses according to standards of attendance and work, as in any other courses in the University.

The foundation of the first-year work is Swedish gymnastics, to which are added dumb-bell and wand exercises, fancy steps, marching, and games. The second and third-year work, in which as many are enrolled as in the compulsory work, is for students who have had the previous year's experience with gymnastic work and wish to continue. A large number avail themselves of this opportunity. The Swedish exercises are kept up, with floor and apparatus work, fancy dancing, military marching, and advanced work with hand apparatus. Club swinging, classic dancing, and fencing form the basis of the third-year work.

A class in normal training has also been organized this year for students who expect to teach. This course affords practical experience to those who wish to make a more practical use of these opportunities, by conducting sections of the class as well as freshman classes.

The swimming tank is also a very popular feature of the gymnasium work, as any student who is enrolled in the gymnasium may elect swimming. A special instructor, who has had experience in similar work at the Battle Creek Sanitarium, takes charge of this branch.

A natural outgrowth of the gymnasium work is the athletic contests for women. The basketball seasons are full of interest, and a woman's athletic meet, composed of events such as the relay race, the shot-put, vaulting, and running high jump, generally forms the climax of the girls' athletic activities.

WORK IN THE UNIVERSITY GYMNASIUM

First-year students of the Literary and Engineering Departments at the University of Michigan are required to take a certain amount of physical training in addition to the usual prescribed courses of study. This is done to prevent the breakdown of students under the strain of ordinary degree work and further, that the body may not be neglected while the mind is being improved. Students in the professional courses do not find this work compulsory for the reason that the majority of them come from other institutions and have had a course in physical training.

The final aim of the required work is to develop the physical part of the body by means of a systematic course of training under experienced directors. The University realizes that to accomplish the best results it must send out men who are strong physically as well as mentally. Consequently students are given a start along the proper lines during their first year of residence in Ann Arbor. In the majority of cases the athletic interest aroused in the freshman year grows stronger with each succeeding semester. The duty becomes a pleasure and it is no uncommon sight in Waterman Gymnasium to see students from all classes and departments hard at work upon the various devices calculated to increase muscular vigor. The gymnasium becomes a sort of central point wherein the students work off excess energy which otherwise might be directed along less beneficial lines.

Early in November the freshman is required to present himself to the athletic examiner and undergo a physical examination. This is to ascertain if any physical defects exist which would prevent the student from taking the regular work. The heart, lungs, eyes, etc., are tested and if a student is found defective he is given special work for the purpose of strengthening the deficient parts and correcting existing troubles.

The physical examination includes a careful measurement of all parts of the body. From these measurements a chart is compiled showing the comparison with

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the average Michigan student. This chart shows what muscles are deficient or below the average and suitable exercises to strengthen them are recommended. This the student must do for himself outside of the general work.

The general or required training for freshmen is done in one hour classes which meet twice a week in Waterman Gymnasium. These classes are held during the months of November to May. The first part of the hour is given over to calesthenic exercises in which as many of the muscles as possible are called into play. The second part of the hour is taken up by apparatus and track work. While the first division concerns the upper part of the body most, the latter gives special attention to the development of the lower limbs and the lungs.

During the latter half of the academic year the student undergoes a second physical examination and another chart is made showing what development has been made by the work. Both of these charts become the property of the student in question and from them he can determine what muscles of the body need development. By referring to these charts he sees where he has improved and how much. If his back is weak the gymnasium contains a special apparatus for the development of the muscles of the back. If his wrists are not strong there is the wrist machine. The gymnasium contains a great number of special machines and different kinds of apparatus by the consistent use of which a man may overcome any deficiency in the muscular system.

Dr. George A. May, Physical Examiner at the University, who has charge of the physical training, has found that the work is exceedingly beneficial to the students. Many of them have never paid any attention at all to the body and fully 75% have never experienced a physical examination. Consequently many deformities are looked upon as natural growths and no attention is paid to them. When the student enters the University he is in the formative stage and it is important that his physical make-up be looked into at once. If deficiencies exist and are not corrected immediately it is generally recognized that they are bound to go from bad to worse. The University has provided full and even sumptuous provisions for gymnastic training and has placed the supervision of the work in competent hands so that the very best of results are obtainable.

The student musical clubs of the University of Michigan annually make a tour, giving glee and mandolin concerts in a number of large cities. A trip will be taken this year, largely in the East. They appear in Detroit April 12, with the minstrel show which is to be given by the Michigan Union. The next night they are to give a concert in Toledo and the remainder of the trip will include Cleveland, Buffalo, Ithaca, Pittsburg, Columbus, and Canton, Ohio. The Ithaca concert will be given jointly with the Cornell clubs.

ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

IN MEMORIAM

Whereas, in the death of Frederick Stearns, of Detroit, the University Musical society, as representative of the musical interests of the University of Michigan, has sustained an irreparable loss, and

Whereas, his contributions to our musical resources have been such that to him more than to any other one person the society is indebted for some of the most important means through which its ideals may be attained; be it

Resolved: That we commend the noble, generous-spirited life to the grateful consideration of all to whom civic virtues may appeal; that we emphasize his helpful interest in art in all its various manifestations; that we hereby publicly acknowledge our gratitude for his generous contributions, and especially the gift of the valuable and unique collection of musical instruments, known as the Stearns collection, and finally that we hereby give expression to our heartfelt sorrow at his death. Be it further

Resolved: That copies of these resolutions be given to the press, that they be spread on our records, and that a copy be forwarded to the family of the deceased.

F. W. KELSEY, Pres.
D. W. SPRINGER, Sec.

Ann Arbor, Michigan.

NEW ENGLAND ALUMNI HOLD DINNER

The third annual banquet and reception of the New England Alumni Association of the University of Michigan was held in Young's Hotel Friday, Feb. 15, 1907. It

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was attended by a large number of members of the association.

The principal speech was made by Judge Edgar Aldrich, '68*l*, of the United States district court of New Hampshire.

Addresses were also delivered by Stratton D. Brooks, '96, superintendent of the public schools; Miss Annie S. Peck, '78, the well known mountain climber; Fremont E. Shurtleff, '84, treasurer of the club; Professor Henry M. Bates, '90, of Ann Arbor, Mich.; Rev. Ida M. Hultin, '82-'84; and H. W. Jarvis, '93*l*, president of the association. The toastmaster was W. P. Coolbaugh, '69*l*.

A DUTCH SUPPER AT NEW YORK

Upwards of 75 alumni, from the class of '06 to the early '70's, were present at a smoker of the University of Michigan Club of New York Friday, March 22, 1907, held at Reisenweber's Beefsteak Garret, Columbus Circle, New York. The tenor of the meeting, according to the illustrated invitation, was Dutch.

"You are requested to appear at eight o'clock, and if you care to bring a friend, do so. There will be a piano-player present all the evening to accompany any one who cares to sing. Other entertainment will be provided in keeping with the spirit of the evening."

Following this program, and according to the secretary, Sterling St. Johns, '96, 229 Broadway, "There were no speeches; the men simply got together, told stories, sang songs, gave the college cheers, and became better acquainted over a strictly Dutch supper." The dinner was under the charge of Karl R. Miner, '97*l*, chairman of the committee.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'54

'54. Samuel P. Duffield, Dearborn, Mich., Secretary.

Edwin R. Armstrong, *m*'52-'53, M.D. (Buffalo) '65, is now residing at 1640 W. Genesee St., Syracuse, N. Y.

Byron B. Northrup, '55, A.M. '77, has been cashier of the Manufacturers National Bank of Racine, Wis., since 1871. The building has just been remodeled and equipped.

'57

Ephraim A. Otis, '55-'56, attorney at law, may be addressed at 1234 First National Bank Bldg., Chicago, Ill.

'59

'59. William J. Beal, Agricultural College, Mich., Secretary.

John D. Vance, '55-'57, may be addressed at Mentone, Calif.

'62

'62. Martin L. D'Ooge, Ann Arbor, Secretary.

Samuel C. Pursley, *m*'60-'61, is a physician at Clinton, Ga.

'63

James L. Taylor, '63, A. M. '66, *m*'70-'71, M.D. (Cincinnati) '72, may be addressed at Vinita, Okla.

Stillman W. Robinson, '63*e*, now Professor Emeritus in Mechanical Engineering at Ohio State University, resides at 1353 Highland St., Columbus, Ohio.

Adelbert H. Weston, *m*'61-'62, M.D. (Detroit) '74, formerly of Colorado City, Colo., may now be addressed at Cedar Hill, New Mex.

Samuel L. Nash, '63*m*, M.D. (Victoria Univ.) '65, is now living at Bath, Ont.

Philip V. M. Botsford, '63*l*, has returned from California to Howell, Mich.

'64

The medical class of 1864 will hold a reunion Wednesday, June 19, 1907. Headquarters East Lecture Room, First floor.

John H. Rheinfrank, '64m, was born Sept. 28, 1840, at Bridgewater, Michigan. He was graduated from the Ypsilanti High School, and from the Medical Department of the University with the class of 1864. He was married in June, 1866, and has four children, one daughter and three sons. All of his professional life has been spent at

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Perrysburg, O., where he has been health officer and member of the school board for many years. He is a member of Wood Co., Ohio; Northwestern Ohio; State of Ohio, and American, Medical Societies. He is ex-president of the Wood County, Ohio, Medical Society and is Division Surgeon of the C. H. & D. Ry. He may be addressed at Perrysburg, Ohio.

'65

'65. Edward P. Goodrich, Ann Arbor, Secretary.

Hollis B. Akin, *m*'63-'64, is a physician at Ava, Perry Co., Ark.

William H. Burr, '65*m*, may be addressed at 152 Brainard St., Detroit, Mich.

George W. Ready, '65*l*, is now principal of schools at Altoona, Pa.

'68

Fillmore Morey Smith, '68, is general secretary of the Society for Prevention of Cruelty to Children of Syracuse, N. Y. He is living at 512 Tallman St.

Daniel W. Crouse, '68, M.S. '73, has removed from Waterloo, Iowa, to Citronelle, Ala.

'69

'69. William A. Butler, Jr., 883 Second Ave., Detroit, Secretary.

Marsden M. C. Burch, *l*'67-'68, Assistant Attorney General since '98, may be addressed at the Rochambeau, Washington, D. C., orRochester, Mich.

Edmund M. Bloomfield, '69*p*, '69*m*, is consulting surgeon at the Wabash Railroad Employees' Hospital, located at Peru, Ind. He may be addressed at 85 West Third St.

Asa L. Fox, '69*p*, '70*m*, is practicing medicine and surgery at Bloomington, Ill., and also has interests in the drug business there. Address Unity Bldg.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

John C. W. Carey, '70*p*, may be addressed at Atlantic, Iowa. He has been traveling salesman for the past twenty-three years and is at present connected with a wholesale drug firm of Council Bluffs, Ia.

'71

'71. Byron A. Finney, Ann Arbor, Secretary.

John F. Eastwood, '71, A.M. '72, '74*p*, Ph.D. '87, has removed from Ann Arbor to 58 Cadillac Ave., Detroit, Mich., care of Michigan Drug Co.

William H. DeWitt, *m*'69-'70, M.D. (Miami) '72, has changed his address in Cincinnati, Ohio, from 2130 Auburn Ave., to Gleneve Hotel.

William M. McNamee, *l*'69-'70, may be addressed at 530 W. 67th St., Chicago, Ill.

Levant F. Brown, '71*l*, was one of the principal speakers at the third annual banquet of the Michigan Club of New York City, at which Will Carleton was toastmaster. Plans were discussed for a club for a University and Michigan State Society.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

The class of '72 in all departments will hold its thirty-fifth anniversary reunion on Alumni Day Wednesday, June 19, 1907.

Clinton J. Burnett, '72*p*, of Lansing, Mich., is district agent for the Massachusetts Mutual Life Insurance Co. Address, 121 N. Chestnut St.

'74

'74. Levi D. Wines, Ann Arbor, Secretary.
'74m. William C. Stevens, Detroit, Secretary.

Olive J. Emerson, '74*m*, (Mrs. Horatio Morrow) formerly a medical missionary at Tavoy, Burma, may now be addressed at Rochester, Vt.

George C. Henry, '74*p*, is president of the drug company of Burlington, Ia., bearing his name and is also president of the Stigler Land Co., Stigler, Ind. Ter.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

Zera L. Snow, '75*l*, is a member of the law firm of Snow & McCament, with offices in the Concord Bldg., Portland, Ore.

'76

'76. Alice Williams, Weedsport, N. Y., Secretary.

Frederick G. Waite, '72-'75, is practicing law at 13 Calle Cortada Emuta, Manila, P. I.

Edward C. Prindle, '76*m*, has changed his address from Oakland, to Elmhurst, Alameda Co., Calif.

William N. Nagle, *m*'74-'75, may be addressed at Denison, Texas.

John P. Finley, *l*'74-'75, Captain 27th U. S. Infantry is now Governor of the District of Zamboanga, P. I. His portrait appears in the May number of the *Far-Eastern Review*, devoted to the development of the Moro Province in the Philippines, together with an account of the Moro Exchange System which he is instituting. His address is Zamboanga, Mindanao, P. I.

Frank W. H. Massey, '76*p*, M.D. (N. Y. Univ.) '84, is now practicing at 341 Pennsylvania St., Buffalo, N. Y.

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'77

'77 Herbert M. Slauson, Ann Arbor, Secretary.
'77 m. O. S. Armstrong, 801 Washington Arcade Detroit, Secretary.
The class of '77 in all departments will hold its third decennial reunion on Alumni Day, June 19, 1907.

John A. Throckmorton, d'75-'76, is practicing dentistry at Sidney, Ohio.

William G Stowell, '77*d*, has been superintendent of the college of dental surgery at Northwestern University since 1896. He may be addressed at Chicago Heights, Ill.

Kent P. Humiston, '77*p*, is for the present retired from business and resides at Chagrin Falls, Ohio. He contemplates returning to the drug business again at some future date.

'78

Charles M. Cooley, '78, is a member of the law firm of Bangs, Cooley & Hamilton, at Grand Forks, N. Dak.

Finley P. Sinclair, *m*'76-'77, is a physician at Lysander, N. Y.

Elbridge O. Kinne, '78*m*, is a physician at Syracuse, N. Y. Address, 600 Warren St.

James M. Boyd, '78*l*, may be addressed at Apartado 135, Puebla Pba, Mex.

'79

Lucius L. Van Slyke, '79, A.M. '81, Ph.D. '82, chemist of the New York Agricultural Experiment Station, has recently published a booklet entitled Modern Methods of Testing Milk and Milk Products.

William D. Church, '79*p*, is proprietor of the Owl Drug Co., 5th and Walnut Sts., Cincinnati, Ohio. He is also manager for Park, Davis and Co., in Southern Ohio.

John M. Eaton, '79*p*, has been in Mexico for the past four years, working as an assayer and chemist. His address is Apartado 186, Oaxaca, Mexico.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Thomas L. Heaton, '80, '80*l*, may be addressed at 792 Clayton St., San Francisco, Calif.

Mary A. Holbrook, '80*m*, is just returning to her work at Kobe College, Kobe, Japan, after a vacation in California.

William P. Carpender, '80*m*, has removed from Akron, Ind., to Oceana, Va.

Charles E. George, '80*l*, has retired from the law firm of Howe and Hummel, New York City, and formed a partnership with Austin L. Richardson, '04. Their offices are Suites 37 and 38 Campau Bldg., Detroit, Mich.

Frank E. Berdan, '80*l*, formerly of Northfield, Minn., may now be addressed at Medford, Ore.

'81

'81. Homer H. Kingsley, Evanston, Ill., Directory Editor.

Horace E. Powers, '81*l*, has removed from Victor to Scranton, Iowa.

Marvin E. Mathews, '81*l*, resides at Marshall, Minn.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907.

William C. Bell, '78-'79, is with the F. B. Dickerson Company, Detroit, Mich. Address, 56 Lafayette Blvd.

Arthur H. Southwick, '82*m*, may be addressed at Limestone, N. Y.

James N. Wright, '82*m*, is county auditor of Licking county, Ohio. He may be addressed at Newark, Ohio.

Zechariah Spitler, '82*l*, may be addressed at Aberdeen, S. Dak.

George L. Carley, '82*p*, is manager of the order department of the Aldo Sommers' Co., wholesale druggists, Quincy, Ill.

'83

Christine L. Voight, '83 (Mrs. Herman Kreit), may be addressed at Cottage Grove P. O., Wayne Co., Mich.

Julian C. Moore, '83, has changed his address from Chicago, to Box 527, Milwaukee, Wis.

Edward A. Benson, *l*'81-'82, is a member of the firm of Benson & Anderton, dealers in farming lands and timber lands, at Milwaukee, Wis.

Charles L. Roos, '83*p*, is general manager of the Kansas Milling and Export Company and may be addressed at 324 Board of Trade, Kansas City, Mo.

Emmet C. Bassett, '83*p*, is now railway postal clerk on the Michigan Central, between Detroit and Chicago. His home is at Ann Arbor, Mich.

George P. Soyer, '83*p*, M.D. (Bellevue) '85, is practicing medicine with offices in the West Virginia, 1840 W. 28th St., Cleveland, Ohio.

'84

'84. Mrs. Fred N. Scott, Ann Arbor, Secretary.

Edwin E. Ames, '80-'84, may be addressed at Box 855, Tonopah, Nev.

James L. Callard, '84*e*, may be addressed at Morgantown, W. Va.

Mary H. Smith, '84*m*, has changed her address from Long Island State Hospital, Brooklyn, N. Y., to Whittier, Calif.

Thomas P. Weir, '84*l*, may be addressed at Winterset, La.

Edward Blum, '84*p*, is United States Drug Examiner at Detroit, Michigan. He may be addressed at 1317 E. Warren Ave.

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'85

'85. John O. Reed, Ann Arbor, Secretary.

Gilbert H. Tollington, *m*'82-'84, is practicing medicine at Clearwater, Minn.

Frank E. Putnam, *l*'83-'84, of Blue Earth City, Minn., is filling a term as state senator.

'86

John R. Conrads, '86*p*, may be addressed at 1832 Grand Ave., Kansas City, Mo.

William H. Stauffer, '87*m*, is a physician at St. Louis, Mo. Address, 201 Humboldt Bldg.

Mervin A. Jones, '87*p*, is a member of the firm of Jones & Houghton, druggists, at Lansing, Mich.

Louis A. Dryfoos, '87*p*, Ph.D. (Zurich) '91, may be addressed in care of The Muralo Company, New Brighton, Staten Island, N. Y.

Gustave A. Reule, '87*p*, may be addressed at 359 Alfred St., corner Russell, Detroit, Mich.

William A. Hering, *d*'83-'84, is practicing dentistry at Trinidad, Colo.

'88

Walter T. Hagan, *m*'85-'86, '87-'88, is a physician at Green Bay, Wis.

Willis E. Sterrs, '88*m*, is a physician at Decatur, Ala.

Edward H. Kennedy, '88*l*, may be addressed at 437 Fort St. E., Detroit, Mich.

Henry Levy, '88*p*, is treasurer of the Capital Rattan Co., manufacturers of baby carriages, Indianapolis, Ind.

William E. Moulton, *d*'85-'86, is practicing dentistry at Canal Fulton, Ohio. He has also held the office of postmaster for the past four years.

Elwyn Butts, '88*d*, has changed his address from Goshen, Ind., to Dade City, Fla.

Oliver W. Huff, '88*d*, is located at Hot Springs, Ark.

Charles W. Nutting, '88*d*, formerly of Spring Valley, Minn., is now conducting practice in the Mack Bldg., Denver, Colo.

'89

Charles J. Search, '85-'89, is a physician with address at 168 Putnam Ave., Brooklyn, N. Y.

Elizabeth Trowbridge, *m*'86-'88, may be addressed at the Mission Hospital, Aintab, Turkey.

Fred J. Chamberlin, '89*p*, may be addressed at Carson City, Mich.

Joe Welch, '89*d*, is a practicing dentist at Dawson, New Mex.

James A. MacLachlan, '89*h*, is a physician at Dayton, Wash.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Allen B. Clark, *m*'87-'88, M.D. (Columbus) '90, has removed from Carl Junction, Mo., to 219 W. 4th St., Joplin, Mo.

John J. Fleming, *m*'87-'89, '97-'98, is now managing a cattle ranch at Forest Grove, Mont.

William W. Phelps, '90*l*, has just entered into partnership with K. A. Miller, formerly of Ironton, Ohio, and Judge Smith, late of the Appellate Court and Supreme Court Commissioner of California, under the firm name of Smith, Miller and Phelps, 627 Merchants' Trust Bldg., Los Angeles, Calif.

William I. Tibbals, '90*p*, '91-'92, is chemist in the employ of the Pleasant Valley Mining and Milling Company, Central City, Colo.

Wallace Palmer, '90*p*, is a manufacturing chemist in the employ of Frederick Stearns & Co., Detroit, Mich.

Charles W. Baker, '90*p*, is now Curate of St. Paul's church, Cleveland, Ohio, and may be addressed at 4108 Euclid Ave.

Frederick G. Olp, *d*'87-'90, may be addressed at 905 Holland Ave., Saginaw, Mich.

William H. Sieberst, '90*d*, may be addressed at 1 W. 34th St., New York City.

William G. Howley, '90*d*, is now located at Mt. Clemens, Mich.

Paul Woolsey, '90*d*, who graduated from Detroit Medical College in 1896, is now a practicing physician at South Haven, Mich.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.

Edward D. Warner, '91, is secretary of the Petoskey Fibre Paper Co., of Petoskey, Mich.

Mary A. Jay Ballard, '91, is instructor in Spanish and also registrar at Earlham College, Richmond, Ind.

Burton C. Bradshaw, '91*m*, is a physician at Mayville, Mich.

Harry D. Rankin, '91*l*, forsook the practice of law six years after graduation for scientific research in electro-chemistry, and has since made important discoveries in the production of precious metals from ores. He is now president of the Rankin Chemical Reduction Company, 708 Railroad St., Denver, Colo. Residence, 212 Ellsworth St.

Walter C. Frazer, '91*l*, has been located at Beaver City, Okla., for the past three years. For some time previous to this choice of permanent location he had been

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engaged in developing mineral lands in Arkansas and the Wichita Mountains.

Grant Foreman, '91*l*, has been practicing law under the firm name Thomas and Foreman, at Muskogee, Ind. Ter., since the expiration of his service with the Dawes Commission in 1903.

Hudson P. Ellis, '91*l*, LL.M. '92, practiced law in Detroit during the first year after graduation and then engaged in the real estate and loan business at Galveston, Tex. For the past six years he has been located at Paris, Tex., where he is president of the Paris Loan and Trust Company. He is also president of the Cotton Planters' Bank of Clarksville, Tex.

Edwin R. Spotts, '91*l*, is a member of the law firm of Spotts & Matthews, at Houston, Texas. Address, 508 Binz Bldg.

John E. Hitchcock, '91*p*, is a pharmacist at Plattsburg, N. Y.

Frank I. Shepherd, '91*p*, has been at the head of the department of science in Whittier Union High School, Whittier, Calif., for the past two years.

Rokus C. Devries, '91*d*, at one time a resident of Valparaiso, Chili, is again in this country and may be addressed at Holland, Mich.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

Lawrence T. Cole, '92, A.M. '96, is now Rector of Trinity School, New York City and may be addressed at 147 W. 91st St.

James E. Church, '92, of the faculty of the University of Nevada, has during the last two years established a very successful temperature observation station on the summit of Mount Rose, Nev. An interesting account of the undertaking is given in the Monthly Report of the Weather Bureau for June, 1906.

George W. Green, '92*m*, formerly at 1296 E. Ravenswood Park, has moved to 499 Wilson Ave., Chicago.

Hubert W. Wilson, '92*m*, is a physician at Michigan City, Ind.

John H. Herley, '92*l*, may be addressed at Milan, Mich. R. F. D. 3.

Edward A. Stricker, '92*l*, may be addressed at 101 Blain Ave., Detroit, Mich.

Richard Fischer, '92*p*, B.S. (Chem.) '94, Ph.D. (Marburg, Ger.) '00, holds the position of state chemist of Wisconsin, in addition to his duties as assistant professor of pharmacy in the University of Wisconsin. Address, 119 E. Johnson St., Madison, Wis.

Harry W. Birkmier, '92*p*, is a member of the firm C. R. McCulloch and Company, Druggists. Address, 114 So. Front St., Fremont, O.

Bert E. Cody, '92*p*, is president of the firm of M. B. Cody & Co., dealers in retail millinery, 1028 W. 28th St., Indianapolis, Ind.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Sherman C. Spitzer, '93, '94*l*, announces his withdrawal from the private practice of law to become assistant solicitor for the Chicago Title and Trust Co., at 100 Washington St., Chicago, Ill.

Edward D. Wickes, '93*e*, may be addressed at Wellston, Ohio.

Alvena Mauerhan, (Mrs. Alfred H. Bailey) '93*m*, has removed from Sturgis, Mich., to Fullerton, Calif.

Frank H. Kleekamp, '93*l*, may be addressed at Fort Wayne, Ind.

Alexander Y. Scott, *l*'91-'92, is a member of the law firm of Charles Scott, Wood & Scott, at Rosedale, Miss.

Clifford Thaxton, '93*l*, is engaged in the practice of law at Watonga, Okla.

Stephen A. Nowlin, '93*l*, may be addaddressed at Lake City, Mich.

Mrs. Lillian M. Geddes, '93-'94, '93*p*, has has been conducting a drug business for the last ten years at Allston, Mass. Address, 393 Cambridge St.

John W. Kasbeer, '93*d*, conducts his dental practice at Bloomington, Ill., and resides at Normal, Ill.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Harry Bell, *d*'91-'92, '93-'94, is practicing dentistry at 337 Farnsworth Ave., Detroit, Mich.

Henry C. Walters, '94*l*, may be addressed at 907 Chamber of Commerce Bldg., Detroit, Mich.

John L. Tegarden, '94*p*, may be addressed at 1233 Quebec St., Montclair, Denver, Colo.

Arthur W. Epley, '94*p*, is superintendent of the Southwestern Oil Company, Houston, Texas.

Charles A. Betts, *h*'91-'93, *m*'93-'94, M.D. (Rush) '00, may be addressed at Kahlotus, Wash.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

John D. Owen, 91-'92, A.B. (Wooster) '93, A.M. (*ibid*) '97, is now practicing law at Wadsworth, Ohio.

Mrs. Alice Wakelee Bleasdale, '91-'92,

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may be addressed at 526 Wallace Ave., Wilkinsburg, Pa.

Albert L. Clark, '95*e*, is agent for the American Book Company, at Des Moines, Iowa.

Thomas K. Matthewson, '95*e*, may be addressed at Panindicuaro, Estado de Michoacan, via Penjamo y Puruandiro, Mexico.

Arthur McGugan, '92-'95, '95*m*, is a physician at Denver, Colo. Address, 1655 Sherman Ave.

Charles A. Betts, *h*'91-'93, *m*'93-'94, M.D. (Hahenman) '95, has changed his address from Everett, Wash., to 208 Payton Bldg., Spokane, Wash.

Henry M. Zimmerman, '95*l*, of Pontiac, Mich., has been appointed State Bank Commissioner.

Charles H. Coates, '95*l*, formerly of Decatur, Ill., is now located at Elsmere Park, Lexington, Ky.

John L. Washburn, '95*p*, is assistant physician in Manhatten State Hospital, Ward's Island, New York City. He is in charge of the acute medical and surgical wards. The hospital accommodates about five thousand patients.

Edward E. Washburn, '95*p*, is a partner in the firm Washburn and Harris, Lumber Dealers, Toledo, Ohio. He may be addressed at 415 Earl St., Toledo.

George Doehne, '95*p*, formerly of Austin, Minn., is now with the Valley Lumber Co., of Lewiston, Idaho.

Arthur L. Todd, '00*p*, may be addressed at Concord, Mich.

Ernest G. Reese, '95*p*, is now an oil producer in Independence, Kans.

John B. Dowdigan, '95*d*, is practicing his profession at Charlotte, Mich.

Andrew R. Thorpe, '95*d*, since 1898 has been engaged in the practice of law at Eureka, Calif.

Mary B. Crans, '95*d*, may be addressed at Pasig, Rizal, P. I.

'96

'96l. Ray G. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.

96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

The heartfelt sympathy of classmates is extended to Franklin V. Swan, '96*e*, and wife, of Flint, Mich., in the loss of their only child, a lad of six years.

Newton J. Smith, '96*l*, may be addressed at Hillsboro, Texas.

Oscar C. Diehl, '96*p*, is superintendent and chemist of the Saginaw Salt Company, located at St. Charles, Mich.

Fred A. Miner, '96*h*, is a surgeon in the Coast and Geodetic Survey. He may be addressed care of Ship Romblon, Manila, P. I.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.

'97l. William L. Hart, Alliance, Ohio, Directory Editor.

The class of '97 in all departments will hold its decennial reunion on Alumni Day, Wednesday June 19, 1907.

Weston Small, '97*e*, is engaged in the United States Reclamation Service and may be addressed at Yuma, Ariz.

Herbert R. Gates, *e*'93-'96, is connected with the Rio Bravo Oil Co., Houston, Texas. He is married and has two daughters. Address, 911 Travis St.

Otto C. Ahlers, '97m, writes THE ALUMNUS from Sherman, Tex., where he has been located for several years.

Edward C. Frank, '97*p*, is junior member of Frank's Furniture Firm of Toledo, Ohio, and president of the Mayo Life Boat Co., Conneaut, O. Address, 502 Summit St., Toledo, Ohio.

Charles L. Wagner, '97*p*, formerly of Brooklyn, Ohio, is superintendent of the Standard Portland Cement Company, Charlevoix, Mich.

Frederick J. Baringer, '97*p*, is chief chemist with the Eagle White Lead Co., Cincinnati, Ohio. His residence address is Ridge Ave., Pleasant Ridge, Ohio.

George W. Russell, *d*'94-'96, may be addressed at 113 W. Madison St., Pontiac, Ill.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

The first decennial reunion of the class of '98m. will be held on the Campus at Ann Arbor, Alumni Day, June, 1908.

Naomi A. Bailey, '98, formerly of Port Huron, Mich., may now be addressed at Florence, Ariz.

Archibald W. Smalley, '98, is principal of the high school at Lafayette, Ind.

Marian Frazer, '94-'97, (Mrs. Albert Lynch) may be addressed at Flint, Mich.

Lewis W. McCandless, '98, '01*l*, formerly associated with the law firm of Haff & Michaels, Kansas City, Mo., is now assistant prosecuting attorney and has offices in the Criminal Court Bldg.

Pearl O. Robinson, '98, of Plain City, Ohio, is now teaching in the public schools of New York City, and has just been elected president of the Teachers' Association of Greater New York.

Frederick P. Beach, '98*e*, has changed his address from Los Angelse, to Claremont, Calif.

Irving J. Brown, '98*e*, has just been heard from at 29 Harrison Ave., Port Richmond, New York City.

Benjamin R. B. Townsend, '93-'94, *m*'94-'98, may be addressed at New Brighton, Pa.

Minnie Burnham, *m*'94-'97, completed her

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medical studies at the Women's Medical College of Pennsylvania in 1899 and acted as pathologist in the New England Hospital, Boston, Mass., for the next two years. She then took up hospital service in Shanghai, China, but ill health soon necessitated a change. She is now managing the Chinese Hospital and Dispensary at Honolulu, Hawaii, in addition to duties as physician to the Kawaiabao Seminary in Honolulu.

Thomas J. Weadock, '98*l*, has resumed the practice of law. His office is in the Hammond Bldg., Detroit, Mich.

Boone Gross, '93-'95, '98*l*, has been located at Houston, Tex., for several years. He is married and has one son.

Harry E. Douglas, '98*p*, B.S. (Phar.) '01, '01-'02, is chemist with the Alpena Portland Cement Co., Alpena, Mich.

Carl J. Biehl, '98*p*, is proprietor of a prescription pharmacy at Sandusky, Ohio. Address, 1221 Monroe St.

Edwin K. Medler, '98*d*, formerly of West Superior, Wis., may now be addressed at Eveleth, Minn.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Estelle H. Fox, '99, may be addressed at Sidney, Ia.

Frank B. Whitehead, '95-'96, is an assayer and chemist at Oaxaca, Mexico, Apartado 51.

Sebern S. McVey, '99, A.M. '01, who has been teaching in the Philippines since graduation is now located at Cebu, Cebu, P. I.

Byron H. Knapp, '95-'97, may be addressed in care of Hall and Knapp, Wholesale Furniure Dealers, 187 Michigan Ave., Chicago, Ill.

Martin C. Huggett, '95-'97, is private secretary to Senator William Alden Smith. His residence is 375 S. College Ave., Grand Rapids, Mich.

Harry W. Long, '95-'96, M.D. (N. W. Univ.) '00, is a physician at Escanaba, Mich.

Clinton J. Hixson, '99*e*, who has been with the British Westinghouse Works, at Manchester, England, is now in the railway engineering department of the General Electric Company, at Schenectady, N. Y.

Bertram D. Wilber, '99*e*, may be addressed at 712 Majestic Bldg., Indianapolis, Ind.

Philip R. Whitman, '99*e*, may be addressed at Cia Metallurgica de Torreon, Torreon, Coah, Mex.

Charles W. Bassett, *m*'95-'97, is physical director of the Missouri Athletic Club, St. Louis, Mo.

Halle Laura Ewing, '99*m*, may be addressed at the State Hospital, Asylum, Neb.

The permanent address of J. Branch Stocking, '99*l*, is Lisbon St., Lawrence Co., N. Y.

Alden Williams, '99*m*, who has been in general practice in Grand Rapids since graduation, started for Europe on the fifth of March, to pursue graduate studies at the University of Berlin.

James Gostanian, '99*m*, formerly of Sault Ste Marie, Mich., has removed to Dayton, Ohio, where his address is S. E. Cor. 5th and Ludlow Sts.

Marvin W. Connor, *l*'96-'97, is in the insurance business at New Orleans, La. His residence address is 1509 St. Charles Ave., and his business address is 512 Hennen Blvd.

Robert A. Smith, '99*l*, is serving his third year as judge of probate at Jackson, Mich.

William A. Bryans, *l*'96-'97, may be addressed at the Continental Bldg., Denver. Colo.

Emil K. Herig, *m*'96-'97, *d*'97-'99, completed his course in dentistry at Milwaukee and is now practicing at 161 W. Madison St., Chicago, Ill.

Samuel C. Sims, '99*d*, is practicing at Sterling, Ill.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Harry H. Dickinson, '00, has changed his address from Chicago, to Box 186, Pittsburg, Kans.

Linus S. Parmelee, '00, may be addressed at 933 Grand Traverse St., Flint, Mich.

Burton O. Greening, '00, and his wife, formerly Sadie A. Platt, '00, are now located at Eveleth, Minn.

Howard B. Bishop, '00, may be addressed at 609 Greene Ave., Brooklyn, N. Y.

Charles F. Hately, '00, may be addressed at Follansbee, W. Va.

Walter S. Penfield, '00, *l*'00-'02, may be addressed at the Ontario Apartments, N. W., Washington, D. C.

Elbert E. Haight, '00, formerly at 713 Farwell Ave., has moved to 1320 Byron St., Chicago, Ill.

Elizabeth Boulsom, '00, may be addressed at Eveleth, Minn.

Marl T. Murray, *l*'97-'99, may be addressed at Lansing, Mich. He is the governor's executive clerk and also secretary of the Pardon Board.

Samuel H. Van Horn, '00*l*, is assistant prosecuting attorney at Kalamazoo, Mich. He may be addressed at Kalamazoo, R. F. D. No. 6.

William C. Puffenberger, '00*d*, formerly of Chelsea, Iowa, has returned to Michigan to practice his profession at Eaton Rapids, Mich.

Leo B. Neuhausel, *d*'97-'99, DD.S. (De-

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troit) '01, is engaged in the practice of his profession at Maumee, Ohio.

Albert G. Coggin, '00*d*, is engaged in the practice of dentistry at Hubbell, Houghton Co., Mich.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

Mary Plant, '01, has changed her address in Washington, D. C., to 12 Iowa Circle.

Florence E. Ringle, '01, may be addressed at 1918 Estrella Ave., Los Angeles, Calif.

Florence Hedges, '01, may be addressed at 2107 19th St. N. W., Washington, D. C.

Maude C. Hathaway, '01, is teaching English in the high school at Akron, Ohio. Her address is 195 Ellwood Ave.

Mrs. Blanche Boyle Brown, '01, '03*m*, may be addressed at Colon Hospital, Cristobal, Canal Zone.

George S. Hill, '01*e*, has changed his address from Chicago, to 1113 Turk St., San Francisco, Calif.

William O. Smouse, *m*'97-'99, graduated from Iowa College of Physicians and Surgeons in 1901, and is now practicing at Des Moines, Iowa.

Charles P. Hall, '01*l*, is city attorney of Red Wing, Minn.

Ernest A. Coddington, *l*'91-'92, '01, is supervisor of industrial training in the Philippine Islands. Address, Bureau of Education Bldg., Manila, P. I. He expects to be in Michigan on leave in a few weeks.

Henry H. Erland, '01*l*, is an attorney and counselor. Address, 816 N. Washtenaw Ave., Chicago.

Mary L. Brown, '01*p*, (Mrs. Arthur W. Hintze), may be addressed at 6629 Kimbark Ave., Chicago.

Harold H. Eatough, '01*p*, may be addressed at Palisade, Colo.

Herbert W. Emerson, '01*p*, B.S. (Phar.) '02, holds the position of assistant professor of physiological chemistry at the University of Kansas. He may be addressed at 300 W. Adams St., Lawrence, Kans.

Alfred Hudiburg, '01*p*, may be addressed at Merced, Calif.

Oscar I. Matthaei, '01*p*, formerly of Chicago, Ill., is now chemist in the drug company of which Oscar J. Smith, 89*p*, is proprietor, at Seattle, Wash.

George A. Howlett, *m*'96-'97, '01*d*, has removed from Stockbridge, Mich., to Ann Arbor, Mich., and has opened an office in the Savings Bank Block.

Willis B. Woodruff, '01*d*, is practicing at 401 Mack Bldg., Denver, Colo.

James P. Johnson, *d*'98-'99, D.D.S. (Northwestern) '01, is now practicing his profession in Chicago. Address, 145 75th Place, Chicago, Ill.

Clarence E. Curtis, '01*d*, formerly of Rosslyn, Wash., may now be addressed at 1712 2nd Ave., Seattle, Wash.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

The class of '02 in all departments will hold its first reunion on Alumni Day, Wednesday, June 19 1907.

Mary Leone Dennis, '02, (Mrs. J. Frank Follmer) may be addressed at Vicksburg, Mich.

James Turner, '02, '04*l*, is practicing law at 703 Union Trust Bldg., Detroit, Mich.

Augustus H. H. Roth, '02, '04*m*, is soon to practice medicine in Erie, Pa.

Maxwell G. Mayo, '98-'99, is in the retail leather business and a member of the school board in Erie, Pa.

Dorothy M. Sass, '02, may be addressed at 847 Monroe St., Chicago.

Julia W. Heath, '02, has changed her address from Brooklyn, N. Y., to 6212 Jefferson Ave., Chicago.

Neva J. Gilbert, '02, may be addressed at 336 College Ave., DeKalb, Ill.

Mary S. Seymour, '02, is teaching Latin and history in the high school at East St. Louis, Ill. Address, 610 N. 13th St.

Kenyon L. Butterfield, A.M. '02, was inaugurated president of Massachusetts Agricultural College on Oct. 17, 1906. The college charter, seal and keys were presented by Hon. Charles A. Gleason, vice-president of the board of trustees of the college. President Butterfield then delivered his inaugural address on the subject, "The Forward Movement in Agricultural Education." He spoke of the pedagogical and sociological phases of the question and the broad demands made upon a progressive agricultural college in the threefold activities of its experiment station, academic department, and extension work. Among the special guests in attendance were Charles S. Howe, president of Case School of Applied Science; William G. Huntington, president of Boston University; President George E. Fellows, University of Maine; President Carroll D. Wright, of Clark College, and representatives from many other institutions, including the Michigan Agricultural College.

Oscar J. Campbell, Jr., '98-'00, A.B. (Harvard) '03, who has been instructor in English and international law at the United States Naval Academy, Annapolis, Md., for the past two years, is now pursuing graduate studies at Harvard.

Samuel Bauman, A.M. '02, of Amherst, Ohio, is teaching this year at Yreka, Calif.

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Grace E. Gillespie, '98-'00, of Tecumseh, Mich., has been teaching in the high school at Muskegon, Mich., for the past two years.

Orrin K. Earl, '02, is a member of the firm of Earl Brothers, general commission merchants, at 157 South Water St., Chicago.

Leslie Ullrich, '02, '04*l*, is manager of the Medea Hotel at Mt. Clemens, Mich.

Frank E. Cooley, '98-'99, is treasurer of the Maud S Windmill and Pump Company, Lansing, Mich.

Ezra C. Knapp, '02, has been active in Sunday school work since his graduation. He has recently given up his position as Director of Bible Study in the Broadway Tabernacle, New York, to accept a chair in the School of Religious Pedagogy, Hartford, Conn. He expects to spend the three summer months in the western states in institute and summer school work.

Robert H. Merrill, '02*e*, is now at Fonda, N. Y., employed as assistant engineer on the New York barge canal.

Ora E. Farnham, '02*l*, is serving his second term as judge of Butte county, S. Dak. Notice of his marriage is given in another column.

Lewis C. Lawson, '02*l*, LL.M. '03, is now located at Wewoka, I. T.

M. Den Herder, '02*l*, is an attorney at law at Grand Rapids, Mich. Address, 949 Griggs Ave.

W. Lionel Heap, '02*l*, and wife have just removed from Muskegon, Mich., to Grand Haven, Mich. Mr. Heap is a partner in the firm of William Heap & Sons, who have just opened a new factory at Grand Haven.

Clarence C. Wightman, '02*l*, is county attorney of Newton County, Texas, with headquarters at the town of Newton.

Herbert L. Standeven, *l*'99-'00, LL.B. (Omaha), is located at Hobart, Okla.

Fred W. Potter, '02*l*, may be addressed at Peabody, Kans.

William F. Atterholt, '02*l*, has changed his address from Norwalk, Ohio, to Oklahoma, Okla.

Andrew N. Hildebrand, '02*l*, is an attorney at South Bend, Ind. Address, 433 Jefferson Bldg.

Helmer W. Smidt, '02*p*, is chemist in the employ of the Western Electric Co., Chicago, Ill. Address, 259 So. Clinton St.

Benjamin Masselink, '02*d*, may be addressed at 119 W. Vine St., Kalamazoo, Mich.

Frederick A. Gill, '02*d*, is located at Alma, Mich.

Edwin F. Swinehart, '02*d*, is engaged in the practice of dentistry at Versailles, O.

Joseph H. Kirby, '02*d*, is in the coal and insurance business at Grand Haven, Mich.

Hugh B. Harter, *h*'98-'00, is manager of the Independent Telephone Co., Goshen, Ind.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.

'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.

'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.

'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Mabel E. Ross, '03, instructor in Latin in the Battle Creek High School, resides at her home, 28 Marshall St. She reports that Ida Pierce, '03, is teaching botany and zoology there. Address, 216 Van Buren St. W.

Olive M. Pepper, '03, is teaching botany and physiography in the high school at Pontiac, Mich. Address, 113 Whittemore St. Rose M. Whitney, '03, who teaches history in the same school, resides at 109 Mary Day Ave.

Effie Godfrey, '03, who taught mathematics in the Houghton (Mich.) High School, 1903-5, and January-June, 1906, is at home this year. Address, 420 N. Fourth Ave., Ann Arbor, Mich.

Lily V. Lyon, '03, who was reported in the November ALUMNUS as teaching again in Stamford, Conn., is teaching this year in Allegheny, Pa. Address, 815 Western Ave.

Louise McLean, '03, writes to the class secretary of a long journey taken with her father and mother a year ago last March. After spending four months in California, chiefly in San Francisco, they started on a cruise down the Pacific coast to the Isthmus of Panama, where they spent two weeks at Colima visiting her brother, Fred McLean, '04*e*, division engineer on the Mexican Central Railroad. Colima is sixty miles inland from Manzanillo, and the journey to camp twenty miles farther was made on horseback over rough trails. They also stopped for a day or two at various quaint coffee ports along the Central American coast, and enjoyed a six-hour ride through the mountains and tropical wilderness from San Jose de Guatamala to Guatamala City. They crossed the Isthmus on the Panama Railroad and spent one night at Colon, embarking there for New York City. Miss McLean is now at home at Glendale, Ohio.

E. Olive McNaughton, '03, who was married on Commencement day, 1903, to John P. Lucas, of San Bernardino, Calif., has returned with her husband and two sons to Ann Arbor, where Mr. Lucas is continuing his work in the Engineering Department. Address, 126 S. Observatory St.

Clarice L. Van Eman, '03, who is teach-

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ing mathematics in the high school at Bellingham, Wash., has changed her address to 1310 High St.

Katherine R. George, '03, who has been working for her master's degree this year, accepted a position as teacher of English in the high school at Hastings, Mich., the second semester.

Fannie E. Henion, '03, who is teaching Latin and English in the high school at Pasadena, Calif., has changed her address to 1079 Chicopee St.

Joseph H. Ferguson, '99-'03, may be addressed at Shubert Theater Bldg., Kansas City, Mo.

Fredericka B. Gillette, '03, assistant in the reference room, University library, has changed her address from 513 Thompson St., to 15 Cutting Apartments, Ann Arbor, Mich.

Frederick M. Rademacher, '03*e*, is engineer in charge of the construction of Fort Morgan and Fort Gaines, Alabama.

George H. Anderson, *e*'99-'00, formerly engineering superintendent for the Egg-O-See Company, Quincy, Ill., is now dredge inspector and field master mechanic with the Florida East Coast Railway, Key West Extension. Address 305 10th St., Miami, Fla.

Arthur P. Whittemore, '03*d*, reports from Houghton, Mich.

Thomas A. Bamborough, '03*d*, is practicing dentistry at Marion, Mich.

William D. McFadden, '03*d*, formerly of Rochester, N. Y., is now practicing at Lockport, N. Y.

Norman W. Payne, '03*d*, may be addressed at 2000 Wallace St., Philadelphia, Pa.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04*e*. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04*m*. Guy M. Dunning, Lansing, Mich., Secretary.
'04*l*. Charles D. Symonds, Powers, Mich.

Eliza Broomhall, '04, is studying in the library school at Champaign, Ill. Her address is 104 E. John St.

Frank A. Bohn, Ph.D. '04, of New York City, is secretary of the Socialist Labor party, and may be addressed at 2-6 New Reade St.

Charles W. Cook, '04, M.S. '06, is professor of chemistry in Pacific University, Forest Grove, Ore.

G. Herbert Pound, '00-'03, has been with the New York Life Insurance Company in Mexico since the beginning of 1905. He started out in the branch office at Durango, but was soon transferred to Torreon, where he became cashier of the new Northwestern Mexico branch established there. Last fall he became director of that branch. It is now about to be consolidated with the branch at Monterey (Mexico) and Mr. Pound is to go to Mexico City, now head office for the "Gulf and Caribbean" division of the New York Life, as assistant to the manager. This covers not only Mexico, but also Central America, Cuba, etc.

Born to Mr. and Mrs. Dugald Stewart of Florence, Arizona, a son, Charles Allan, on Jan. 27, 1907. Mrs. Stewart was Franc M. Bailey, '04.

Bertha Rosenthal, '04, of Muskegon, is instructor of modern languages at Neilsville, Wis.

Rolland C. Rothfuss, '00-03, is connected with a bank at Sylvania, Ohio.

Harlow Lewis, '04*e*, may be addressed at Hamilton, Ontario.

John S. Tyler, '04*e*, announces the birth of a daughter, Amelia Whiting Tyler, on July 14, 1906. Mr. and Mrs. Tyler may be congratulated at 212 North 19th St., Columbus, Ohio.

Arton Emory Yokom, '04*e*, is an instructor in Cornell University. He may be addressed at 302 Stewart Ave., Ithaca, N. Y.

William H. Buskirk, '04*m*, may be addressed at Miles City, Mont.

Harry J. Compton, '04*l*, is practicing at Dayton, Ohio.

John W. Breining, '04*l*, is located at Ypsilanti, Mich.

George F. Lewis, '04*l*, is now practicing at Hillsdale, Mich.

Albert Heil, '04*l*, is practicing law at Olivet, So. Dak.

Jay C. Sexton, '04*l*, may be addressed at Minneapolis, Kans.

Anyone wishing an extra copy of the last class directory, will receive one on request to the secretary, Charles D. Symonds, Powers, Mich.

Clarence A. Fisher, '04*l*, is practicing at Canton, Ohio. Notice of his marriage will be found in another column.

Frank L. Rain, '04*l*, is city attorney of Fairbury, Neb.

Howard M. Findley, '04*l*, may be addressed at 524 Alaska Bldg., Seattle, Wash.

Corie C. Coburn, '04*l*, is prosecuting attorney of Ottawa County, Mich. Address, Grand Haven, Mich.

Milton W. Guy, '04*l*, is practicing law at Muskogee, Okla.

Mark W. Reed, '04*l*, may be addressed at Los Angeles, Calif., cor. Franklin and New High Sts.

Linwood A. Brown, '04*p*, is assistant professor of pharmacy in the North Dakota Agricultural College, and also fills the position of state drug assayist. Address, Agricultural College, N. Dak.

Edward H. Miller, '04*p*, may be addressed at 1801 Lafayette St., Fort Wayne, Ind.

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Charles F. Swift, '04*h*, is practicing at 121 Owosso St., Auburn, N. Y.

Leroy R. Mahaffey, *d*'01-'02, completed his dental course at the University of Pennsylvania in 1904 and is now practicing at 6024 Penn Ave., Pittsburg, Pa.

Frank D. Segur, '04*d*, is practicing at Muskogee, Ind. Ter.

Dewey D. Smith, *d*'01-'03, D.D.S. (O. M. U.) is now practicing his profession at 25-7 Kingsbury Blk., Sandusky, Ohio.

'05

'05. G. William Barnum, Class Secretary, 170 Humboldt Blvd.
'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.
'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.

Ray L. Sexton, '05, is located at Grand Rapids, Mich., where he may be addressed at 303 The Gilbert. His residence address is 67 Atwood St.

Cora E. Petty, '05, may now be addressed at 106 W. Seminole St., Dwight, Ill.

Alice Alexander, '01-'02, is principal of the Audobon School, Indianapolis, Ind. She may be addressed at 247 N. Penn St.

Nellie Cronkhite, '05, may be addressed at Flint, Mich.

Claudia L. Agnew, '01-'02 (Mrs. Calvin D. Albert, is now residing at 319 Eddy St., Ithaca, N. Y.

Ethelbert W. Waldron, '05, is employed in the United States Indian Service. Address, Santa Fe, New Mex.

Alta B. Chase, '01-'02, of Otsego, Mich., is now in charge of the twelfth grade session room of the East Side High School, Saginaw, Mich. Address, 134 Sheridan Ave.

John W. Bell, '05*e*, may be addressed at 710 New England Bldg., Cleveland, Ohio.

Gilbert R. Haigh, '05*e*, is with the Murphy Iron Works, Detroit, Mich.

Claude J. Fry, '05*e*, has changed his address in Grand Rapids, Mich., from 43 Mill St., to 157 Clinton St.

Byron W. Dunham, '05*e*, may be addressed at 342 Thompson St., Latrobe, Pa.

Harry M. Wolfe, '05*l*, has been mayor of Germantown, Ohio, since the fall of 1905.

Albert V. Thomas, '05*l*, is county attorney for Butler County, Neb. He may be addressed at David City, Neb.

James A. Burrill, '05*d*, is this year professor of orthodontia, in the dental college of the University of Illinois. He may be addressed at 1104 Masonic Temple, Chicago, Ill.

William R. Lehr, '05*p*, may be addressed at Grand Rapids, Mich., care of Cody Pharmacy where he is employed as prescription clerk.

'06

'06e. Edward J. Creighton, Canadian Bridge Co. Walkerville, Ontario, Secretary.

Susan M. Diack, '06, is science teacher in the high school at Ironwood, Mich.

Marion E. Perkins, '06, has changed her address in Mexico City to 2a Pino 1134.

Leon L. Caviness, '06, is Professor of Ancient and Modern Languages at Union College, College View, Neb.

Edith M. Thompson, '06, may be addressed at 1200 E. 35th St., Los Angeles, Calif.

Dean B. Wilhelm, '06*e*, may be addressed at 2515 Dodge St., Omaha, Neb.

Hugh S. Calkins, '06, of Allegan, Mich., is pastor of a church at Owen Sound, Ont.

Orlando M. Barnes, '06, is engaged in business with the Central Ohio Paper Co., Columbus, O.

John N. Booth, '06, is teaching history, economics, and book keeping at the Michigan Military Academy, Orchard Lake, Mich.

John C. Shaw, '06, has changed his address in Detroit from 106 Winder St., to 114 Henry St.

Minnie A. Graham ,A.M. '06, of Lockport, N. Y., is fellow in chemistry at Bryn Mawr College, Bryn Mawr, Pa.

Karl Zoellner, '06, may be addressed at Portsmouth, Ohio.

Katherine L. Klingel, '06, may be addressed at 415 N. Main St., South Bend, Ind.

Clifford A. Stewart, '06, is secretary of the Ideal Fence Company, Winnipeg, Manitoba, Canada.

Joe Willis, '06*e*, may be addressed at Kendallville, Ind.

Raymond B. Silverman, '06*e*, is with the Utah Copper Company, at Garfield, Utah.

Fritz A. Brink, '06*m*, is located at Pierre, So. Dak.

Elmer G. Balsam, '06*m*, may be addressed at the N. P. Hospital, Brainerd, Minn.

Norma B. Ellis, '06*m*, may be addressed at 221 Mason Bldg., Houston, Texas.

Anna Weld, '06*m*, holds the position of Interne in the New England Hospital, Boston, Mass.

Karl E. Steinhauer, '06*l*, is located at Ouray, Colo.

Frank W. Madison, '06*l*, is located at Alva, Okla.

Carroll Caruthers, '06*l*, is advertising agent for the National Biscuit Company of Chicago. He may be addressed at Irwin, Westmoreland Co., Pa.

Thomas B. White, '06*l*, may be addressed at Escanaba, Mich.

Edson B. Valentine, '97-'00, '06*l*, has changed his address from Benton Harbor, Mich., to 16 W. Elizabeth St., Detroit, Mich.

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Charles B. Bowman, '06*l*, is located at Scranton, Ia.

William S. Wood, '06*l*, may be addressed at Muskegon, Mich., where he is engaged in the real estate business.

Walter J. Bookwalter, '00-'03, '06*l*, is practicing law at Danville, Ill., where his address is 405 Daniel Bldg.

Chester Young Kelly, '06*l*, is practicing his profession in Terre Haute, Ind. Address, 318 N. 6th St.

Edward H. Chandler, '06*l*, may be addressed at 317 N. 6th St., Independence, Kans.

Donald G. Eggerman, '06*l*, is located at Shawnee, Okla.

Clyde P. Hendricks, '06*d*, is practicing at Kalkaska, Mich.

Clinton C. Davis, '06*d*, is practicing at Reading, Mich.

Seth H. Jones, '06*h*, is practicing at Lansing, Mich.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1896. Herbert Woodruff Merrill, '96*e*, to Delia Anna Milett, at Saginaw, Mich., Feb. 12, 1907. Address, 817 Holland Ave., Saginaw, Mich.

1901. Genevieve Sloan, '01, to Siegfried Scheyer, at Chicago, Ill., March 14, 1907. Address, 1483 Edgecomb Place, Chicago.

1902. Ora Earl Farnham, '02*l*, to Ferne Villette Hager, at Lincoln, Nebr., June 19, 1906. Address, Belle Fourche, S. Dak.

1903. Edith Charlotte Van Slyke, '03, to Carl Weeks, at Des Moines, Iowa, Feb. 27, 1907. Address, Des Moines, Iowa.

1904. Clarence Andrew Fisher, '04*l*, to Alice Rogers, at Steubenville, Ohio, Dec. 3, 1906. Address, 1903 Woodland Ave., Canton, Ohio.

1906. Harry Searls Gradle, '06, to Alice Heber Perry, '06, at Minneapolis, Minn., Nov. 29, 1906. Address, 165 Eugenie St., Chicago.

1906. Alice Nellie Quick, '06, to Gurdon Montague Butler, (Colo. School of Mines) '02, at Golden, Colo., July 5, 1906. Address, Golden, Colo.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department

1888. Thomas Hart Gale, B.L., LL.B. (Chicago) '98, LL.M. (*ibid.*) '99, d. at Oak Park, Ill., March 20, 1907, aged 40.

Medical Department

1867. Ryan Goudy Mendenhall, M.D. (Bellevue) '72, d. at La Cygne, Kan., Feb. 27, 1907, aged 67.

1875. George Elmer Sanford, d. at Saline, Mich., March 18, 1907, aged 55.

1883. Austin Fillmore Denlinger, d. at Lansford, Pa., March 1, 1907, aged 50.

1891. Jay Ellsworth Johnston, A.B. (Monmouth) '87, d. at Tomahawk, Wis., Jan. 7, 1907, aged 44.

Law Department

1864. Thomas Caswell Holmes, d. at Glendive, Mont., Oct. 23, 1903, aged 66.

1864. Francis Bennett Van Hoesen, d. at Alexandria, Minn., Jan. 27, 1907, aged 68.

1878. James McCampbell Boyd, d. at Puebla, Mex., Feb. 26, 1907, aged 51.

1896. Kenneth Dunham Williams, d. at Kennewick, Wash., April 7, 1905, aged 29. Buried at Atlanta, Ill.

Homoeopathic Medical Department

1891. Mary Emma Van Schoonhoven, d. at Salt Lake City, Utah, March 20, 1907, aged 64.

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NON-GRADUATES

Edmund Joseph Adair, *m*1900-'01, d. at St. Paul, Minn., Feb. 1, 1902, aged 20.

George Oliver Austin, *m*'60-'61, M.D. (West. Res.) '65, d. at Morrice, Mich., Dec. 2, 1903, aged 67.

William Henry Baldwin, *d*'76-'77, d. at Delta, Ohio, March 16, 1901, aged 43.

Herbert Anthony Barney, *m*'85-'87, M.D. (Long Island) '88, d. at Belmont, N. Y., March 16, 1907, aged 42.

Robert Lorin Barr, *a*1900-'02, d. at Kendallville, Ind., March 12, 1907, aged 24.

Edward Leland Bartlett, *l*'68-'69, d. at Santa Fe, N. Mex., Oct. 19, 1904, aged 57.

Helen Clara Briggs, *a*'03-'05, d. at Toledo, Ohio, April 8, 1907, aged 20. Buried at Forest Hill, Ann Arbor.

†Sidney S. Carter, *m*'66-'67, d. near Townsend, Ga., June 5, 1905, aged 69. He served in the 121st N. Y. Inf. in the Civil War.

Roger Stevens Cathcart, *e*'03-'06, was drowned near Zilwaukee, Mich., March 29, 1907, aged 25. Buried at Bay City, Mich.

Jonathan Williams Crumpacker, *m*'71-'72, d. at LaPorte, Ind., March 15, 1904, aged 48. Buried at Westville, Ind.

Lawrence Heiskell, *l*'80-'81, d. at Greenfield, Ohio, April 20, 1902, aged 41.

William Henry Johnston, *m*'68-'69, M.D. (Bellevue) '72, d. at Port Leyden, N. Y., March 1, 1907, aged 66.

Ebenezer McColl, *a*'64-'65, d. at Winnipeg, Man., 1902, aged 67.

DeWitt Howard McMillen, *m*'72-'73, M.D. (Cincinnati) '74, d. at Orrville, Ohio, Nov. 15, 1900, aged 52. Buried at Massilon, Ohio.

George McPherson, *m*'63-'65, M.D. (Ecl. Med. Coll. of Pa.) '67, d. at Fowler, Mich., June 8, 1906, aged 66.

John Maurer, *m*'63-'64, d. at South Bend, Ind., Nov. 8, 1906, aged 72.

Linton Edward Reynolds, *p*'87-'88, d. at Butte, Mont., Oct. 24, 1904, aged 39. Buried at Quincy, Mich.

William Beecher Thomas, *m*'52-'53, M.D. (Buffalo) '57, d. at Ionia, Mich., March 5, 1907, aged 75.

OBITUARIES

BENJAMIN FRANKLIN CRUMMER

Benjamin Franklin Crummer was born in Jo Daviess County, Ill., Sept. 18, 1848. He was graduated from the Medical Department of the University of Michigan in 1869 and from the University of New York in 1875. After many years of practice in Northern Illinois, he removed to Omaha in 1888, where he spent the remainder of his life and where, since 1897, he held the position of Professor of Medicine in Creighton Medical College. He was a member of the American Medical Association for many years, also of the Douglass County Medical Society, the Nebraska State Medical Association, and the Medical Society of the Missouri Valley. Of the last three of these, Dr. Crummer was president several times, as well as of the Physicians' Casualty Association of Omaha. He died Dec. 26, 1906, of an attack of aphasia with heart complications.

THOMAS HART GALE

Thomas Hart Gale was born in Oak Park a little more than forty years ago, and passed his whole life in that place, with the exception of the four years spent in Ann Arbor at the University, from which he was graduated with the class of 1888. After his graduation he entered upon the real estate business and further fitted himself for his work by taking a course of law in the Chicago Law School, from which he was graduated in 1898, receiving the degree of LL.M. one year later. For a number of years he was collector of taxes of Oak Park. He was a member of the Oak Park Club, of the Business Men's Association, and of the Military Club of the village. He was also prominent as an athlete and as a member of the Westward Ho Golf Club, and was a member of the Psi Upsilon fraternity. He died Wednesday, March 20, after a painful and lingering illness, at his home in Oak Park. He is survived by a wife and two young children.

WILLIAM MERRILL

William Merrill was born in Birmingham, Mich., Jan. 13, 1851, but removed to Saginaw with his parents in 1854. He was graduated from the University in 1871 with the degree of Ph.B., and immediately entered the machine shop business of his father, which was then known under the firm name of Merrill, Eastwood & Co. In 1876 this was reorganized as the present firm of Mitts & Merrill. He was stricken with apoplexy on the streets of Boston, Feb. 16, 1907, and died instantly. Mr. Merrill is survived by a widow, his father, three sisters, two sons, and three daughters.

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ANN ARBOR, MICHIGAN

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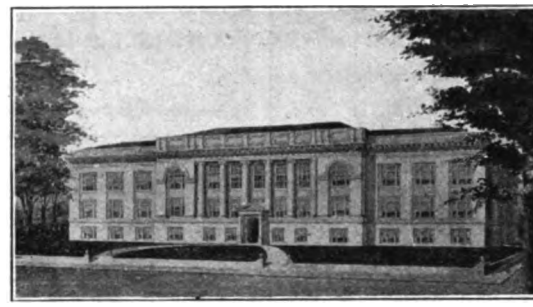
Ann Arbor High School

1856-1907



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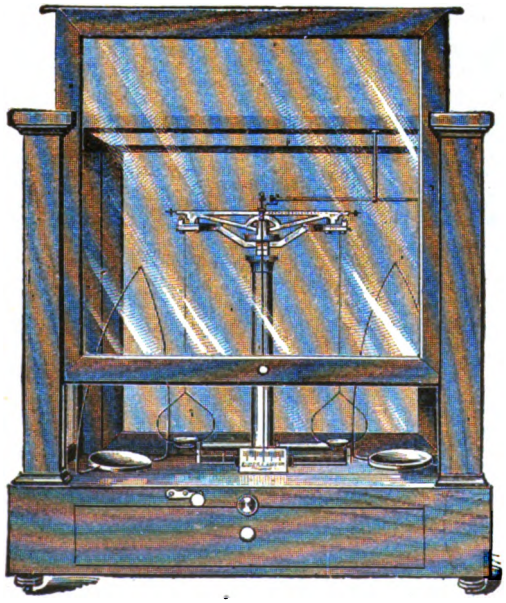

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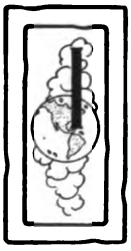

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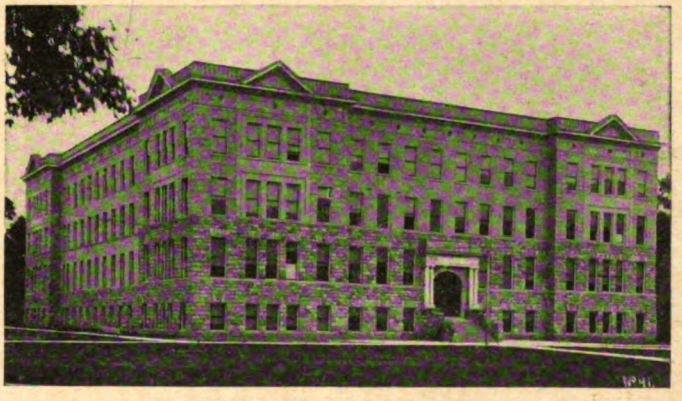

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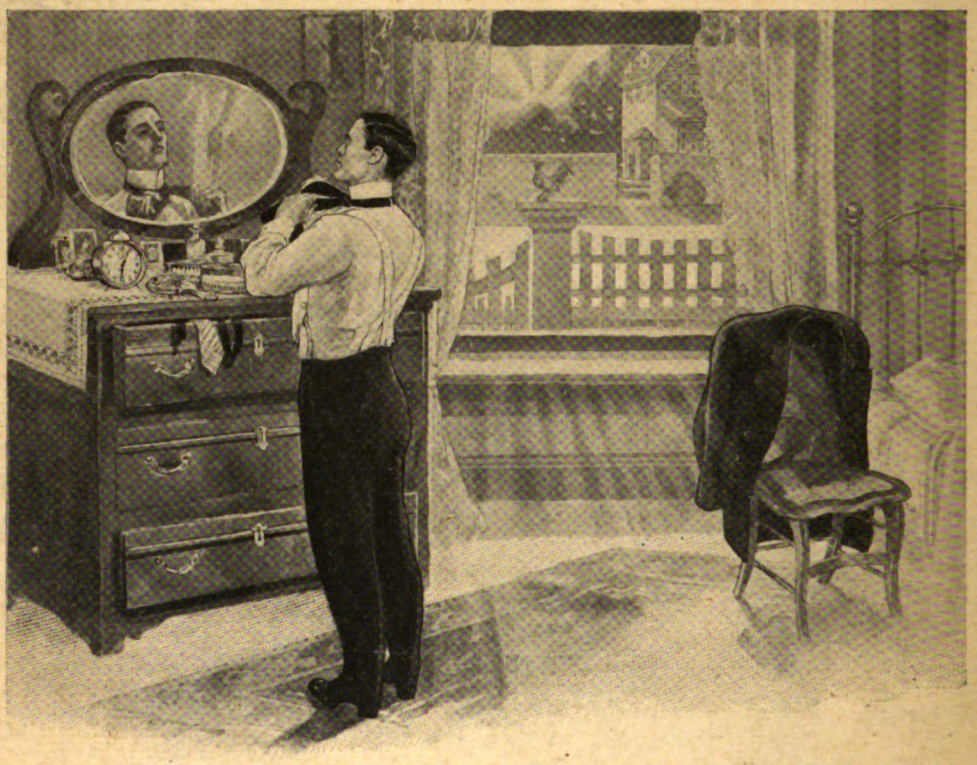

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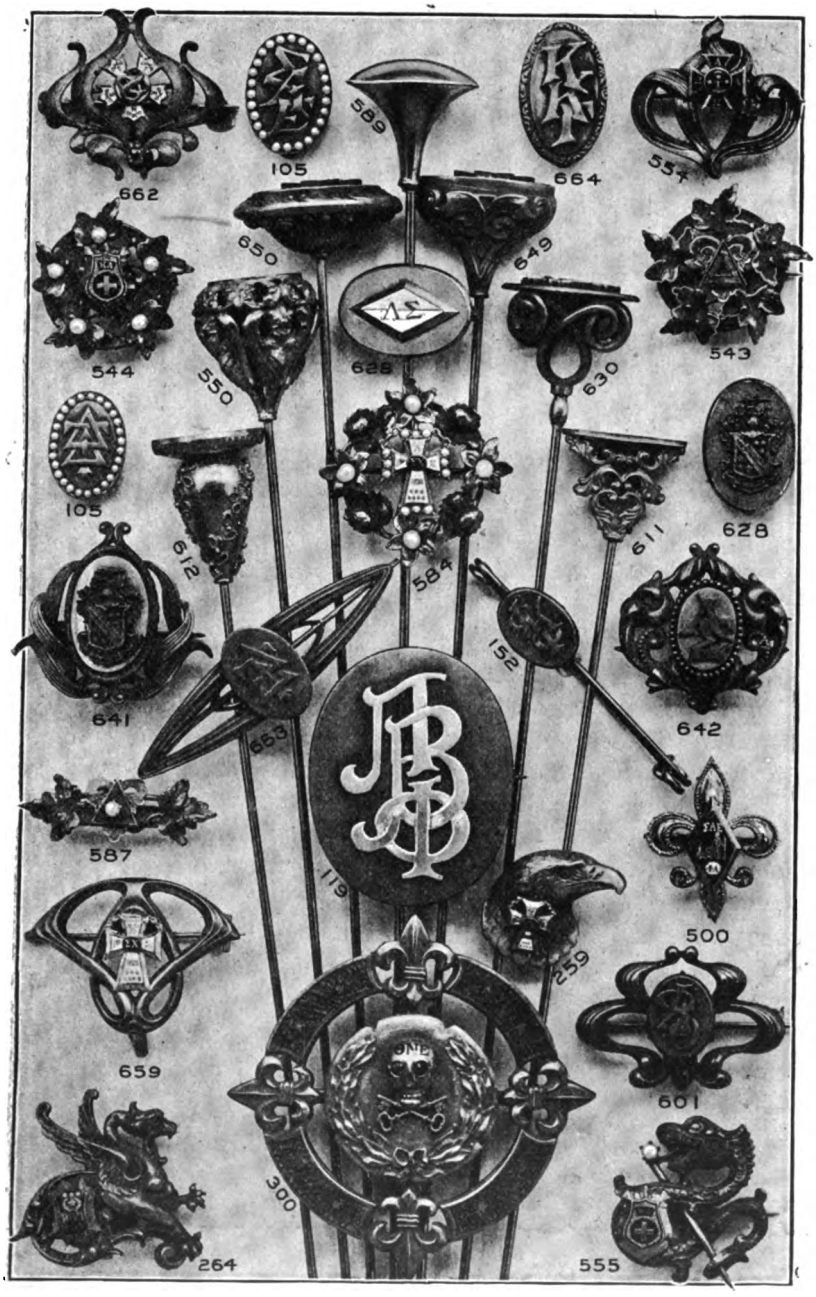

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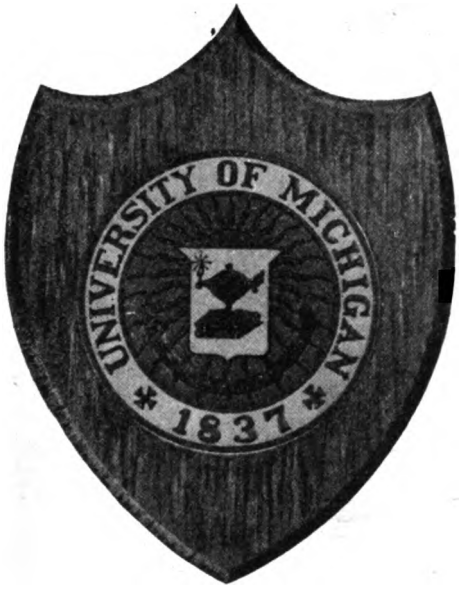

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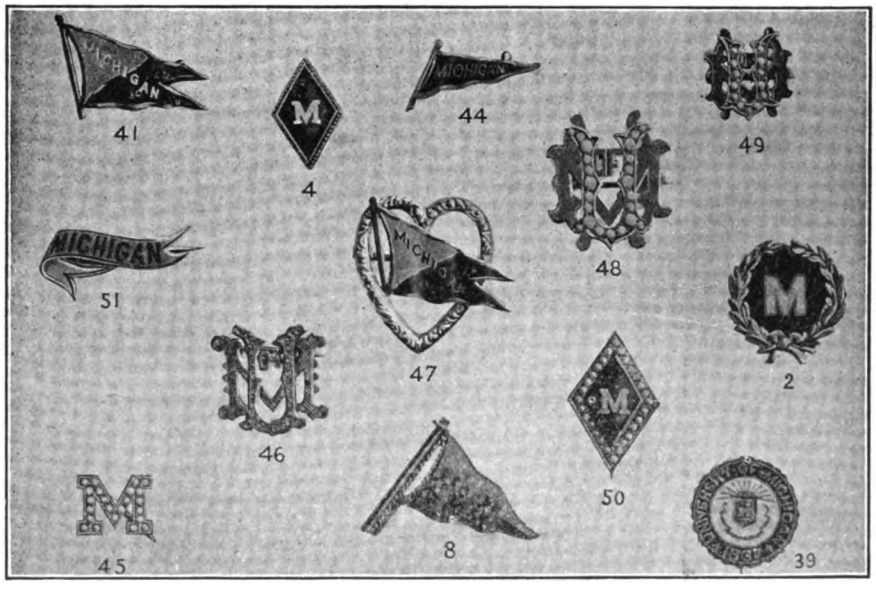

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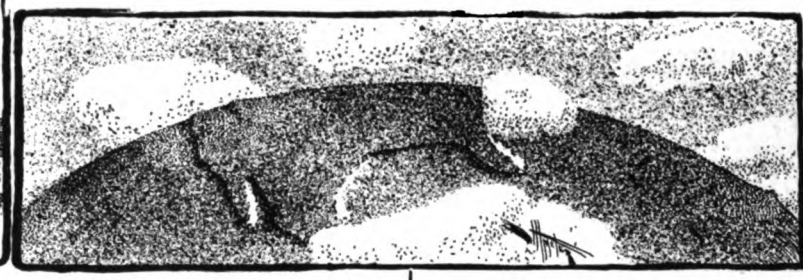

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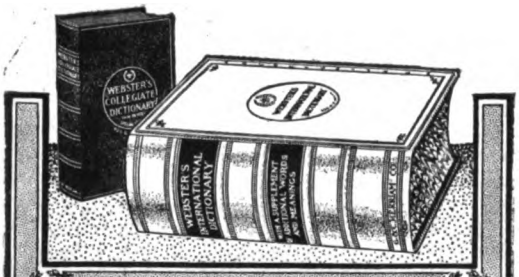

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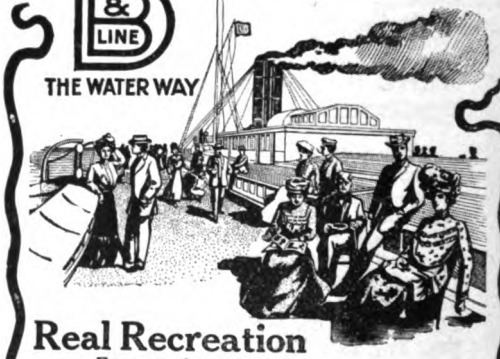

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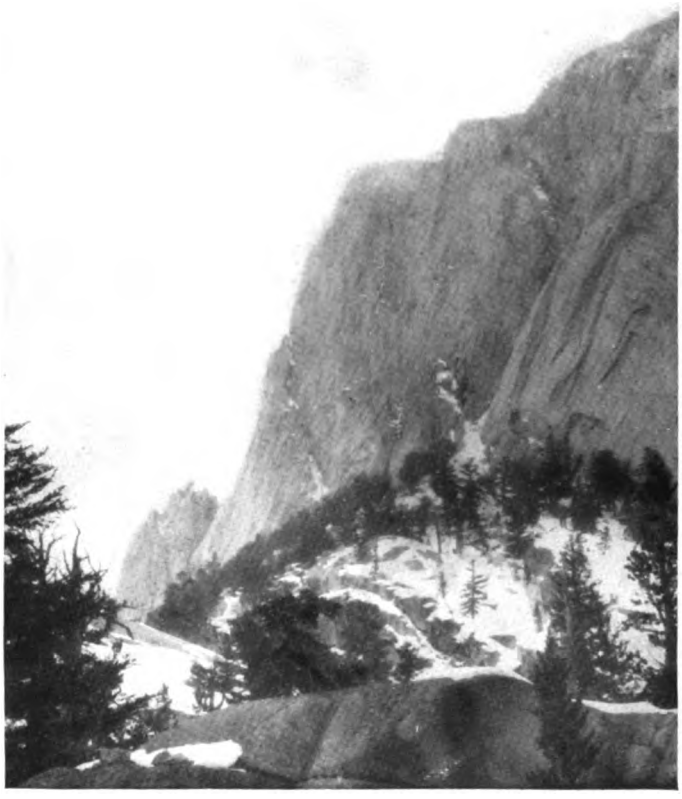

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THE MICHIGAN ALUMNUS

VOL. XIII MAY, 1907 No. 124

EVENT AND COMMENT

THE INCREASE IN MEDICAL REQUIREMENTS

Nowadays the field of medical knowledge has become so broad that no one can cover it all; and it is within a comparatively few years that it has had its greatest growth. In addition to the special qualifications which every successful doctor must possess he must command a steadily increasing fund of absolute knowledge. The same thing is true of technical education in general, and the responsibility of meeting the increasing demand is falling inevitably upon the universities of the country. The professional schools, originally two semester lecture courses, have been increased and again increased until now the four year course is frankly inadequate for the Medical student. Members of the Engineering Faculty say that five or six years is none too long, although they have taken no absolute step in this increase in requirements; the Dental Department feels the need of a four year course, although at present unable to provide it, after the unfortunate attempt of a few years ago; while the Law School, at present but three years, has been combined with work in the Literary Department in such a way that the student can receive both degrees in six years. This course is becoming more and more popular. ¶ As given elsewhere, in the report of the April meeting, the regents have granted the request of the Medical Faculty for a prospective increase in requirements. Beginning with the class that enters in 1909, all students that enter the department must previously have had two years' literary work, and many of the studies now required, but not concerned directly with medical work, will be given among the required courses in the Literary Department. In taking this step Michigan is entirely in accord with the general trend of advanced medical education; in fact, it is neither the first nor the last of American universities to raise thus the standard of education. Even after this new rule is in force, Harvard and Johns Hopkins will still lead, since at the present time they demand a baccalaureate degree for all candidates in the degree of medicine. Western Reserve demands three years of college work, and Chicago, formerly the Rush Medical College, already demands two years. Minnesota begins the new requirements with the coming year, and Northwestern will fall in line at the same time that Michigan does. The majority of the medical schools in the country, however, do not impose any such restriction nor will they do so until compelled by law. Therefore it is probable that these schools, from which by far the larger number of our practitioners are graduated, will grow for the next few years, at the expense of the institutions with higher requirements. The inevitable superiority of

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the graduates of the latter schools will result eventually, however, in forcing the other schools to do likewise, or to close their doors.

DETROIT AND THE MEDICAL SCHOOL

We are being treated at present to the renewal of a question that is almost as old as the University. In fact it dates back to 1857. Since then it has come up periodically and has as regularly been defeated. We refer to the suggested removal of a portion of the Medical Department to Detroit. In certain quarters the excitement over this question has waxed almost hysterical, and some of our esteemed daily contemporaries in Detroit so regularly add fuel to the flames, that one may be pardoned for regarding their contributions as inspired. ¶ The cause of all the trouble seems to be some heavily mortgaged buildings of an unsuccessful medical school, which some persons in Detroit seem to think the University might use to advantage if it could be brought in whole or in part to Detroit. They have therefore set about to bring the mountain to Mahomet. To the lay point of view the question does not seem so pressing, nor the chances for radical action so imminent, as one might be led to believe were he to follow only the daily press. As firm believers in the preservation of the University as a unit in Ann Arbor, we are, on general grounds, opposed to any such threatened division of our medical school, as is proposed; but we feel that the strong factor of common sense also weighs heavily in favor of maintaining the whole of the Medical Department in Ann Arbor. The proposition of having two years, or even one year, of the medical course in Detroit, strikes one, under the present circumstances, as impracticable, when the least is said. ¶ As for valid reasons for such a change, we must leave them to physicians and to the University authorities for consideration. As long as they are as far from a decision as at present, the University will be a unit in Ann Arbor. The only advantages which Detroit seems to be able to offer at present, are the heavily encumbered buildings of a run-down medical school, and the supposed advantages given by a large city in clinical practice. Ann Arbor, however, with her five fine hospitals, four of which are maintained in connection with the regular Medical Department, has far better clinical advantages than can be furnished anywhere in Detroit. The local hospitals are always crowded, and afford over two hundred cases, available at all times for study and for clinics. Detroit offers only a possibility of emergency clinics, in addition to what we already have, and as there are no public hospitals available at present, the University might find it difficult work to establish a practicable footing. As for the University assuming the heavily encumbered property of the Detroit Medical College, it is a proposition which on the face does not look promising. If, with the wonderful clinical advantages which Detroit is supposed to possess, the Medical School in Detroit has been unable to maintain itself, would the University find it to any greater degree a profitable venture? And if the disintegration of the University begins, where is it to end?

A FITTING MEMORIAL

In memory of Professor Alexander Winchell, teacher in the University from 1853 to 1891, and Professor of Geology from 1879 to 1891, one of the buttresses of Mt. Whitney, in the Sierra Nevada mountains, has been named "'Crag Alexander Winchell' in behalf of the little band that loved him and bore him to his burial." A fine photograph of the impressive rock appears

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elsewhere. Accompanying the photograph we are glad to publish the following portion of a letter from Professor J. E. Church, Jr., '92, of the University of Nevada, who gave to the crag its name, in honor of his old teacher. ¶ "At the time of Professor Winchell's death there was a Geological Society consisting of a few students, closely bound to him in affection. This little band tenderly escorted him, when, though stricken with a mortal illness, he eagerly continued his last course of public lectures on Evolution. Its members watched at his bedside and carried their master forth to his tomb. In behalf of this little band, long since scattered, but eager to do him honor, I would dedicate this crag to Professor Winchell's memory—for more fitting memorial I could not find, it seemed to me, when first I saw its majestic form towering in the solitude of the winter Sierras.

ADDRESSED TO '94, '97, '98, '99, '03 AND '07

Neglect on the part of several of the classes to provide for the administration of class funds has placed the University in an embarrassing situation. At present, according to the last report of the Treasurer of the University, there are five funds in his care left by the classes of '94, '97, '98, scholarships, '99 law, a fellowship, and '03, a memorial. The largest of these is the scholarship of the class of '94, which now amounts to $1,986.22. ¶ These funds were all plainly left to be used by students who needed assistance in making their way through the University, and it necessarily devolves upon the University to see that they do not lie idle. But it has proved very difficult to discover any feasible method by which they may be made available, because of the neglect of the classes at the time these funds were established, to empower a committee, or a person, to make the loans. It is, it must be acknowledged, a curious state of affairs. The funds are now the actual property of the incorporate class, and cannot be used properly except at the direction of the class or its proper representatives. The President has, in some cases, administered these funds under the direction of several of the members of the class, but he has felt some delicacy about even this, and feels decidedly unwilling to have anything to do with other funds unless properly empowered. The proper method for solving the question is, it would appear, for the class to take official action at the first annual reunion. Therefore we take this opportunity to call the attention of the class of '97, which meets this year, to the sum now placed to their credit with the Treasurer of the University. The next year the classes of '98 and '03 also should meet this question, if no way of doing it immediately can be found, so that these funds may be made available for the very desirable purpose for which they were established. ¶ The present graduating classes might also do well to heed this point if they contemplate leaving any fund of this sort. They should also be particularly careful to elect a class secretary. This very necessary duty was neglected by the class of '06, and in coming years the lack of a proper historian and a secretary to call the reunions will be felt.

THAT CONFERENCE QUESTION

Michigan does not want to leave the Conference. Had Michigan not been the greatest sufferer from Conference restrictions there would have been no talk of withdrawal. We have tried to show how they worked to our especial disadvantage on another page. Once these are removed or equalized, however, we should be entirely ready to take our former place. It is be-

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coming more and more apparent that there can be no lasting advantage to Michigan in separation from our natural rivals in the West. There has, of course, been a strong current of short-sighted popular opinion for withdrawal, but the fact has been becoming plainer every day that our Conference contemporaries can get along without us much better, than we can exist, as a part of the athletic world, without them. This is precisely one of the uncompromising facts that was not seen for some time by many of the enthusiastic advocates for withdrawal. ¶ Next fall, after we have carried out present contracts and have met our Eastern and Southern opponents on grounds that will give us an opportunity for a fair game, and not make us a mark for annihilation, we should be ready to come back to the West and to the "Big Four," if it is then in force, with an entire readiness to abide by Conference rulings however strict, as long as our opponents are under exactly the same restrictions. This possibility was evidently foreseen at the recent meeting of the Conference representatives at Chicago. While no definite action was taken at that time, a resolution, nevertheless, was passed to the effect that when any Conference College finds itself temporarily unwilling to comply with the rules, no other college in the Conference shall schedule games with it. ¶ In compliance with this action, Michigan's spring baseball games with Chicago and Illinois were postponed indefinitely, and our dual track meet with Chicago, our tennis and golf matches were also cancelled. Michigan proposing to "stand pat" until next fall at least, after the football season. As this record of cancelled engagements shows, it has cost us something to maintain this position, the only offsetting advantage being the amelioration of the football situation next fall. The resolution leaves matters in such shape that when we find ourselves willing to comply with the rules, we can take our place and make schedules with the Conference Colleges as heretofore. The Conference realized the soothing effects of time, and in putting off the evil day, has closed the incident, we hope, entirely. This solution is entirely in harmony with local sentiment, and affairs will be left in a *status quo*, except for the baseball schedule, until next fall. The proper course should then be obvious to every one.

STUDENT SENTIMENT

In another place in this number we have occasion to note a statement made in a discussion of "Michigan and the Conference" in our new and welcome contemporary, "The Chicago Alumnus." In the paragraph which appears to us most suggestive, Michigan is characterized as a big state school, occupying an isolated position as regards the other colleges of the big nine. "This isolation gives to her a big family life among the student body and faculty. It gives, for reasons which cannot be explained here, a sentiment among the student body of a vastly greater power than is the case at many other western institutions." ¶ This statement of facts, as recognized by a sister institution, in a radically different situation, has an especial significance. It is quite possible that we do not realize sufficiently the effect of our insular position upon our college life. In discussing it however, we must confess immediately, to advantages and disadvantages in our situation. Since it is the strong man who measures best his own powers and weaknesses, Michigan can afford we hope, to survey her gains and her limitations in this respect. We at Michigan gain measurably over most of our Western neighbors in that specially care-free, idealistic attitude toward life, which always, it seems to us, lends the college atmosphere its

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chief charm. Through this "cloistered" life however, the leaven of the world of affairs in an American university, at least, is always working. The visions of the youngster, looking forward to his college years, are not entirely bounded by the opportunities offered for unlimited study and education in its narrow bookish sense. He looks forward rather to a little democracy where he may live a new life and be weighed upon his intrinsic merits; a democracy which the profession of learning tinges strongly, but not to the exclusion of other interests dear to the hearts of the young. The prescription is truly for a golden age, and the nearer a university comes to filling it successfully, the greater its hold upon those within its walls. ¶ Not the least part of this sentiment is the feeling of solidarity and community of interest among the students, and we are therefore, not troubled by the force which student opinion has at Michigan. It may occasionally be directed in wrong channels; the important point is that it exists, however, and it is the duty of the University to turn it in proper directions. It is better as it is, than if, as in some colleges, college spirit had to be instilled, and the students told what to think as regards college affairs. ¶ Nevertheless, by virtue of our very position we are pleased in another danger which will always be encroaching, and which we can never safely underestimate, — the disease called provincialism. Our urban neighbors can keep up-to-date with comparatively ease, but we must fight against the back-water always threatening. For that reason we welcome all new and vivifying influences such as the Michigan Union, with its new ideals and its promised Club House; the establishment of the new chair of architecture with the impetus which it gives to the artistic in our lives; the work of the Deutscher Verein and the Cercle Français; the rejuvenation of the Comedy Club; and such stirring addresses as were given by Governor Hughes and James O'Donnell Bennett in his address on the "University and the Drama." These are the things which we must consciously and definitely seek. They come to many other universities easily, and for that reason perhaps they are valued more lightly than here, where their coming means much more.

HUMOR IN THE SANCTUM

To those uninitiated in the college world, its terms are often Greek, figuratively as well as literally. Indeed we fear the mystery of Greek letter nomenclature will never be solved by the layman, for whom we confess no little sympathy. One little word, however, seems to mark that dividing line, at once real and imaginary, which sets apart the holders of an A.B., as well as those who aspire for it. It seems sometimes to the writer, as if the non-college world knew not the word 'alumnus'. Considering its genders and carefully preserved plurals, it must be acknowledged that it has elements of difficulty, though it would seem as though everyone must master it sooner or later. Its pronunciation as well as its spelling, seems to be an invariable stumbling block however. Perhaps we must not expect too much of the butcher, the baker, and the candle stick maker, who call for the "Aloomni," the "Alluminus," the "Aloominum," and so on *ad infinitum* in delivering their wares. It is, in fact, pronounced and spelled in every way, but correctly, so invariably, that one wonders if the outside world ever did incorporate it in its vocabulary. ¶ In a certain pigeon hole in the capacious editorial desk, there lies an envelope very aptly labeled by a former secretary "oddities of address". To this collection the present administration has been adding from time to time.

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Since it is always poor policy to begin a dinner with the desert, we hesitated some time as to which of these master-pieces of indirection should come first, finally deciding that one was about as bad as another. The address on the first envelope which reads, "Machines and Allumnies, Ann Harbor, Mich.," is to our mind unique. Two letters coming to "The Mohigan Aliminous, Univer. Hall," are at least close rivals to the first; and the polite personification of this humble journal as "Mr. Alumnus Michifan," hailing likewise from that mythical port upon the "raging Huron," known in all too many quarters as "Ann Harbor," comes with something of a shock. As a variant upon those given above we also treasure letters addressed to the "Allumminie Association," and "Care Alumin Ass'n"; one of these is also directed to that same apocryphal port, forty miles from navigable water. ¶ That same envelope of oddities, also holds letters which came to the Secretary of the Alumni Association as Secretary of the University, as Dean of Affiliations, and also as evidently the most likely incarnation of the "student body." To become a trifle more personal, he also preserves a missive addressed to "Bernard Shaw, care The Alumnus," and one with two brick red stamps and a green one from British Guinea, asking one

Professor of
Shaw University
Michigan
U. S. A.

to send a calendar to some South American aspirant for education. All of which goes to show that the college world is not without its boundaries.

COLLEGE DRAMATICS AGAIN

According to a dramatic criticism published in "Life" for Apr. 11, very considerable artistic value attaches to the recent presentations of Ibsen's "The Pretenders" given by the Yale Dramatic Association in New York. In spite of the fact that "Amateur performances are, as a rule, rather deadly occasions and of little importance to anyone except those who act in them, and to their immediate friends," Mr. Metcalfe found sufficient text for a short dissertation upon the possibilities of college dramatics, that fits in very well with our note upon the subject a month ago, and with the present interest in the rejuvenation of the Comedy Club, which, we are glad to state, is now under way. ¶ "The play has never been done before in English," writes the critic, "and, with the exception of a recent performance of 'the Vikings' by the pupils of Mr. Franklin Sargent, this is the only opportunity American audiences have had to see the earlier Ibsen in stage performance. * * * * To present so elaborate a play was a great undertaking for a college organization and that it was accomplished in a fashion to bring sincere praise from so ardent a lover of Ibsen as Mr. William Archer shows that the work was a credit to the scholarship and energy of Yale undergraduates. ¶ Of greater importance than the creditable rendering of a difficult and imposing classic is the creating of a new sphere of university activity which may be of the greatest future benefit to the American theater and dramatic literature in America. 'Life' has long contended that the public was largely to blame for the present decadent condition of the stage in America. If other universities follow the excellent example set by Yale and direct the natural love of young men for the theater and its affairs into higher channels than those of farce and burlesque, it means the rapid spreading of an intelligent leaven among American theater-goers which is bound to raise the standard of public taste and public requirement. It may even mean bringing into the business of the theater and onto the

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stage itself a different order of brains from that which now controls the destinies of one if not the greatest of the popular educational forces at our command. ¶ This production of an Ibsen play by a company of Yale youths may not, at first glance, seem an event of great importance. If it means, as it seems to, an activity in the classical and legitimate drama on the part of the universities and colleges the country over it is bound to be of tremendous value in determining the future of the theater and the theatergoing public in America."

MICHIGAN'S ATTITUDE ON THE ATHLETIC SITUATION—AN EXPLANATION

For the past year Michigan's attitude on the athletic situation has been greeted with surprise, curiosity, and hostility, according to the quarter in which it was received. We feel that we have been misunderstood and to this general misapprehension the newspapers have contributed not a little. Although the riddle to us did not seem insoluble, none of the newspapers seemed to find the true explanation for Michigan's stand, and their vague guesses colored the whole situation, until the meeting of the representatives of the Conference Colleges, held at Chicago April 13, cleared matters up to a certain extent.

We should hesitate to take up this much discussed question again, did we not feel that there are few who comprehend the true situation. The complexion of the whole affair, as a matter of fact, was changed when the "Big Four" question came up. Up to that time Michigan had been practically barred from football games, with Conference Colleges, by the action of Chicago and Wisconsin and had been forced to look elsewhere for games. When Chicago and Wisconsin, through the proposed establishment of the Big Four schedule, showed their willingness to resume relations with Michigan, we were immediately placed in a difficult position, because of our contracts with outside colleges, for the coming year.

The question now, as we look at it, has ceased to be one of withdrawal. We are assured now of games with our proper rivals in the West, and we wish to resume our place as soon as we can properly do so; but we must first extract ourselves from the tangles in which we were involved by the refusal of Chicago and Wisconsin to play us. The "Chicago Alumni Magazine," a very recent comer in the ranks of graduate journalism, discusses the question in its April number, and on the whole deals sympathetically with our vagaries, as the writer plainly considers them. Charitably enough our Chicago friends try to find the explanation in our isolated position, and in the overwhelming force of student sentiment, both of which led eventually to a "brain storm" that demanded summary withdrawal from the Conference.

As far as they went they are perhaps right. But, although they recognized our difficult position, in trying to operate under the rigid Western rules while playing with an Eastern team not working under the same restrictions, they have not seen the whole of the question, nor apparently recognized fully the hardship under which we were placed by their action. The fact that we have been compelled, practically, to seek outside games by the action of the Conference Colleges themselves, seemed to be overlooked. We have suffered, as have all the Western colleges, under some of the severe restrictions of the Conference, but as long as we were playing entirely with members of the Conference we made no complaint. It might be safely said, that even with such active student sentiment as we have in Ann Arbor, we would have remained in

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the Conference, had we not been practically forced out, as far as football was concerned, from competition with rivals of our own size, by the action of Chicago and Wisconsin in refusing games. Practically driven to play last season with the East and South, under a severe handicap, in two critical games, while at the same time we had but one lesser game with a Conference College, and the same embargo continuing for the coming season, our unwillingness to accept the Conference restrictions, and the so-called "brain storm," is entirely explicable.

After we had been compelled to seek for games elsewhere, and after the contracts were signed and the dates fixed, Michigan was confronted with the so-called Big Four schedule which gave Chicago a game with Michigan next fall. Had Michigan acceded to this proposal, and adhered to the Conference five game schedule, we would have had but two games before playing Pennsylvania, Vanderbilt and Chicago in succession—an impossible situation which should explain Michigan's attitude on this whole question, for the coming season.

As for Michigan's unwillingness to abide by Conference rules, that is almost entirely, the result of the fact that our two principal games will be with teams that are under rules in no way as onerous as the Conference regulations. Under these circumstances, we feel that there is certainly substantial justice in Michigan's unwillingness to abide by these rules at just this time. As it is, even if we do not adhere to the five game schedule, and abolish the retroactive feature, we shall still be under more rigid regulations than our opponents, who are by no means as strict in barring players, who maintain the regulation training table, and have unrestricted practice. When we play with Conference Colleges,—and THE ALUMNUS hopes the present complications will soon be of the past,—we ought to stay by our natural rivals in this section of the country entirely and abide by the Conference rules which places us all under the same restrictions. But when we are practically compelled to look elsewhere for games, we see no heresy in doing to a certain extent as the Romans do. Some there are who will undoubtedly feel that as it is, our action is sufficiently Quixotic, when we merely release ourselves from the five game feature and abolish the retroactive clause.

LE BOURGEOIS GENTILHOMME, MAY 3

As an evidence of what can be done by a University dramatic club, the performance of Moliere's Le Bourgeois Gentilhomme given under the auspices of the Cercle Français, Friday evening, May 3, in Sarah Caswell Angell Hall was most encouraging. It is doubtful if any dramatic performance given in Ann Arbor for many years has called forth more sincere praise than this effort of the French department to present in adequate form one of the classics of the French stage. As might have been expected, from a department of French, the play was especially characterized by its finish. It has been suggested that the presentation of a play in a foreign language and unfamiliar costumes may have contributed to this general effect through the special effort needed to counteract the obvious disadvantages under which most of the members of the class were working.

While one might, perhaps, find points to criticise, the performance as a whole left one with an impression of a surprisingly adequate presentation of Moliere's great comedy, especially when one considers the meager facilities at the command of the French department. It is to be regretted that but one performance was given, as Sarah Caswell Angell Hall

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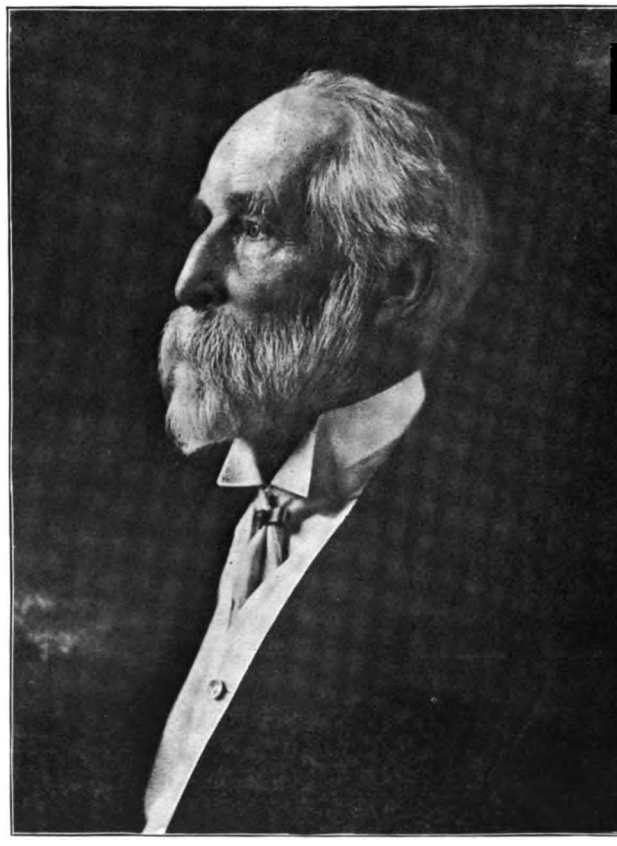

FREDERICK STEARNS, A. M.

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gave the privilege of seeing the performance only to about five hundred persons. In addition to the members of the local Cercle Français, a party of about thirty-five members of the Alliance Français of Detroit attended in a body.

As for the presentation of the play, Professor Beziat de Bordes may easily claim the principal honors of the evening, in the title role. He showed thorough familiarity with the part and the traditions of the French stage. Miss Eleanor Smoot, '08, as Nicole, divided honors with him, however; and Mr. Albert E. Lyon, '08, as the Maitre de Philosophie, and later the Muphti, Miss Helen Boughton, '10, as Lucile, and Mr. Stoddard Stevens More, '09, as Cléonte, all deserve especial praise for their work.

An especial feature of the evening was the music. Although the classic music written for the play by Lulli was not obtainable in time, Mr. Charles P. Wagner of the Faculty of French took charge, and organized an orchestra of twelve pieces, that played *entre actes* chosen from compositions contemporaneous with the play. Miss Ida D'Ooge, '10, as the Musicienne sang the song in the first act, "Je languis nuit et jour," for which the music was written by Mr. Wagner. The "Chanson a Boire" in the third act, for which the music was especially written by Professor Stanley, was sung by Professor Howland of the School of Music, accompanied by Miss D'Ooge.

The cast of the play as taken from the souvenir program was as follows:

Monsieur Jourdain, Bourgeois — Professor Béziat.
Dorante, Comte, amant de Dorimène—E. L. Neville.
Cléonte, amoureux de Lucile—S. S. More.
Covielle, valet de Cléonte—W. A. Scranton.
Un Maitre de Philosophie—A. E. Lyon.
Un Maitre de Musique—H. I. Armstrong.
Un Maitre à Danser—S. B. Standish.
Un Maitre d'Armes—R. H. Monroe.
Un Maitre Tailleur—H. R. Carstens.
Un Musicien—Professor Howland.
Premier Laquais—H. B Jones.
Deuxième Laquais—J. Bowen.
Madame Jourdain, femme de Monsieur Jourdain—W. R. Scott.
Lucile, fille de Monsieur Jourdain—Helen Boughton.
Dorimène, Marquise—Ettina Wychgel.
Nicole, servante de Monsieur Jourdain—Eleanor Smoot.
Une Musicienne—Ida J. D'Ooge.

Cérémonie Turque

Le Muphti—A. E. Lyon.
Premier Dervis—H. J. Cody.
Deuxième Dervis—J. Bowen.
Turcs—Ed. Bowen, H. R. Carstens, S. B. Standish, E. C. Rowley, R. H. Monroe, H. B. Jones.

An especial edition of 600 copies of Le Bourgeois Gentilhomme was published shortly before the play, under the auspices of the Department of French. Great care was taken in its preparation and it proved a worthy example of bookmaking. It was illustrated by several reproductions of old title pages, illustrating Moliere in several of his characters, as well as a photogravure of the author as the frontispiece. It also contained the names of the original cast as well as the one which gave the play in Ann Arbor.

THE STUDENT CONSTITUENCY AT YALE AND MICHIGAN

In the reports of a recent address made by President Hadley of Yale at Cincinnati, April 27, he was quoted in the newspaper reports, as referring to the local constituency and provincialism of Western State Universities. Editorial comment upon this question led Professor James R. Angell, Michigan, '90, now professor of Psychology at the University of Chicago, to send the following letter to the Chicago *Tribune* which we take pleasure in reprinting from the issue of May 2:

University of Chicago, April 30.—[Editor of The Tribune.]—In your editorial of April 30 you refer to certain alleged utterances of President Hadley of Yale, among others to one concerning the more national consti-

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tuency of the colleges of the East as compared with those of the West. While calling in question the soundness of President Hadley's statements in certain particulars, you apparently assent to his quoted announcements on the constituency matter. It is altogether possible that President Hadley said something quite different from the published reports, but a few facts may be of interest on the issue to which I refer. As President Hadley is said to have referred especially to state universities in his citation of western university conditions, it will be fair to compare Yale with one of these institutions, and for this purpose I select the University of Michigan.

By the latest catalogues to which I can obtain access (Yale 1905-'6, Michigan 1906-'7), Michigan had in attendance 4,836 students, Yale, 3,806. Both institutions had representatives from forty-eight states and territories of the United States proper. Of our outlying dependencies Michigan had representatives from 3, Yale from 2. Of foreign countries and provinces Michigan had on its list 17, Yale 16. So far this does not indicate a great superiority for the eastern institution.

Of the total student body at Michigan over half come from the state of Michigan. At Yale about one-third are from Connecticut. However, if one were to take for comparison a territory the size of Michigan we should find the Michigan attendance quite as scattered as that at Yale. Nor is the disparity at all so marked on sectional lines as one might suppose. Yale has 188 students from Pennsylvania, Michigan 181. From New York Yale has 603, Michigan 299. From Ohio Yale has 135, Michigan 408; from Illinois, Yale 147, Michigan 315. There are 76 students at Ann Arbor representing among themselves every one of the New England States.

It may be maintained that Michigan is exceptional among western institutions. But an exactly similar condition of things obtains at the University of Chicago. The truth is that certain colleges in the East, like certain others in the West, have a constituency almost wholly local in character. But there are several western colleges whose constituency is quite as cosmopolitan as that of any of their eastern colleagues.

Moreover, it is well in this connection to recall what a clever writer recently has said of the Hub—"Boston is not a place— it is a state of mind." So provincialism is not primarily determined by topography and geography. It is an affair of the mind, and if, as is often urged, it is chiefly characterized by a hypersensitiveness to one's own virtues, it seems improbable that the West has or soon will have any monopoly of it.

JAMES R. ANGELL.

THE APRIL MEETING OF THE REGENTS

The Board of Regents met April 19 in the Regents' Room in the Law Building. All the Board were present with the exception of Regent Sawyer, who was detained by serious illness. —In accordance with the recommendation of the Faculty of the Department of Engineering the Degree of Bachelor of Science in Civil Engineering was conferred upon Fred Rudolph Cron; and in Mechanical Engineering upon Harley Clifford Alger and Arrigo Young.—In accordance with the recommendation of the Faculty of the Department of Law the degree of LL.B. was conferred upon Ray Edmund Brownell and John Willard Anderson, and the degree of LL.M. upon John Robert Albert Waller, LL.B. (Yale).—In accordance with the recommendation of the Faculty of the Literary Department the degree of A.B. was conferred upon Walter Delmar Riggs.—In accordance with the recommendation of the Faculty of the Dental Department the de-

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gree of D.D.S. was conferred upon William Charles Elsacer.—The Secretary was instructed to invite bids for the new Dental Building in accordance with the plans of Donaldson & Meier, architects, of Detroit.—The Committee on Buildings and Grounds was authorized to build two additional stairways between the first and second floors of University Hall and to lay concrete floors in the lower hall.—Leave of absence was granted for another year to William Marshall, M.S., instructor in mathematics, now in Europe.—The resignation of Dr. Helen E. Brooks, Director of Physical Training in Barbour Gymnasium, was accepted.—The resignation of James E. Cutler, Ph.D., Assistant Professor of Political Economy, was also accepted. Dr. Cutler has accepted a professorship in Sociology in Western Reserve University.—William H. Butts, A.M., Assistant Professor of Mathematics, was granted leave of absence for the rest of the year for study in Europe.—Leave of absence was granted Arthur G. Canfield, A.M., Professor of Romance Languages, for the coming year. Professor Canfield will spend it in study in Europe.—The resignation of Frederick L. Dunlap, Sc.D., Assistant Professor of Analytical Chemistry, was accepted to take place at the end of the year. Dr. Dunlap has accepted an important position in the Department of Agriculture at Washington, under the new food law.—Virgil M. Kime, A.B. '06, was made instructor in accounting at $1,200 to take the place of Charles L. Harpham, resigned.—Harrison S. Smalley, Ph.D. was appointed Assistant Professor of Political Economy from Oct. 1.—Robert B. Bean was given leave of absence from May 20 to the end of the year. He goes to Manila as Assistant Professor of Anatomy in the Medical College at Manila.—Dr. Willoughby D. Miller as Dean of the Dental Department was granted a salary of $3,500 per year.—A fee of $15 was fixed for students taking a certain course of instruction in the Homœopathic Medical College during the Summer School.—On motion of Regent Barbour the following request of the Faculty of the Department of Medicine and Surgery was granted by a unanimous vote:

> The Medical Faculty asks that you grant this Faculty permission to publish in its next annual announcement the statement that, beginning with the fall of 1909, no student may be admitted to this Department who has not previously complied with the requirements for admission to the Literary Department, and obtained therefrom sixty hours of credit, this sixty hours to contain certain specified subjects which are essential for admission to the Medical Department. In other words, the Medical Faculty asks that, beginning with the fall of 1909, admission to this Department will be wholly and exclusively through the Literary Department, and that no student shall be admitted to the Medical Department who has not secured sixty hours of credit from the Literary Department.

The Board then adjourned until May 9, 1907.

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FREDERICK STEARNS

"There is always room for a man of force, . . . His eye makes estates, as fast as the sun breeds clouds." —*Emerson.*

The reproach, that men of real power in America, are interested only in business and the pursuit of wealth, is beginning to lose somewhat of its force. It is a hopeful sign that, year by year, there is a substantial increase in the number of those who, having been successful in business, come to realize that there are "estates," outside the range of business activity, so rich in their yield of pleasure, and so fraught with good to the world, that their full exploitation and cultivation may well engage the attention of "a man of force." While the University of Michigan has not profited by this change of attitude to the extent of older institutions, notably in the East, there are substantial proofs that she also will be the gainer—in, let us hope, ever-increasing measure — with the passage of the years. The limitations of space forbid reference to the many accessions to the Library, and the Museum, for which Michigan is indebted to those who have realized the never-ending necessities in these directions, nor can any mention be made of the many generous contributions made for other special and no less deserving purposes. No one can question, however, that, among those whom we should hold in honor for their generous recognition of our various needs, no one deserves more at our hands than the late Frederick Stearns of Detroit.

The University has already given him a token of appreciation by conferring upon him the degree of A.M. Never was it more worthily bestowed. Gratitude now impells those of us who are specially interested in the development of music—as a branch of education, and a potent means of culture, rather than as a mere amusement—to pay a tribute to the memory of Mr. Stearns, to whose generosity we stand as debtors.

Frederick Stearns was born at Lockport, , N. Y., April 8, 1831, and died at Savannah, Ga., January 13, 1907. At the age of fourteen he was apprenticed to a druggist in Buffalo, N. Y. Through his untiring industry, his initiative, and his eager desire to benefit every opportunity for improvement—he found time to take courses in chemistry in the University of Buffalo—he soon acquired such proficiency that he was taken into partnership by one of the leading druggists of that city. On New Year's Day, 1855, he started a store in Detroit, having for capital, as he stated, "little money, fair credit and high hopes." Through persistency and rigid economy he soon developed a small business as manufacturing chemist, and, eventually, through the exercise of these traits, and a daring, prophetic reading of the possibilities of the future,—*i. e.*, imagination—this was extended and finally developed into one of the largest and most perfectly equipped manufacturing chemical laboratories in the world. (Incorporated in 1882).

The real ideality of the man displayed itself when at the annual meeting of the Company in February, 1887, he announced his intention of retiring from active business life, feeling that after having devoted more than forty years to pharmacy he was entitled to a period of rest. Rest, however, for him, meant continued activity on lines that made him, in the truest sense, a benefactor to his adopted city, and, through his benefactions to the University of Michigan, to the cause of higher education.

Real collectors are born, not made, and one can but feel that his career

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from this date was the realization of his early dreams. His business career was an admirable training for the work to which he devoted the remainder of his life, with a devotion only realized by those who came into close touch with the man, and an efficiency known only to those who were aware of the value of the results attained. In the earlier years of this period he devoted himself to the collection of art-treasures, and the Detroit Museum of Art contains the results of this effort. The collections of Japanese and Korean art-products (over 1,600 in number), coins, precious stones, etc., and especially the conchological collection of more than 10,000 specimens, there to be seen, represent his accounting for these years of strenuous activity, and the large sums of money expended. For many years—in fact up to his death—the interest, aroused by observing a curious musical instrument in the window of an antiquarian in Prague, bore fruit in an ever-increasing and untiring endeavor to bring together a scientific collection of musical instruments. He became so interested in this quest that most of his time thereafter was devoted to travel that he might secure —in so far as possible at first hand— all the various types necessarily included in a comprehensive and scientifically ordered collection. The collection grew so rapidly that he, becoming more and more impressed by its potentiality, presented it to the University of Michigan, which thereby became the possessor of what is called by one of the foremost European authorities on the subject, "One of the six great collections of the world." Of the collection, containing over twelve hundred specimens, it may be said that it was not made up in a haphazard way, nor to gratify a taste for curious things. The aim of the collector was to place side by side, for purposes of comparison, the widest possible range of examples illustrating the different forms of percussion, wind and stringed instruments, with a view of showing the evolution of types from simple to complex forms. The student of the evolution of music, of ethnology, or of pure science, as well as those who delight in beauty of form and of decoration, may find in this collection much that is suggestive and stimulating, while to the casual visitor it is not without charm.

In place of a detailed statement, or an enumeration of its manifold significant features we give a quotation— merely adding that at some future time we hope to place before the readers of THE ALUMNUS a fuller description.

"With the exception of a very few instruments which it is almost impossible to secure, and a few others in common use at the present day," says Mr. H. E. Sargent, a former Curator of the Museum who stood in a rather intimate personal relation to Mr. Stearns, "this collection is sufficiently complete to illustrate the various steps through which our present instruments have passed in reaching their high degree of excellence. To the mere curiosity seeker the collection is in a measure disappointing, as the acquiring of instruments of special historical or personal interest has been only a secondary object, the educational idea being at all times paramount. Beauty of form and decoration never failed to attract Mr. Stearns, as is attested by the many beautiful and attractive examples in the collection, all of which must be seen to be appreciated; among them may be mentioned, for example, the ivory hunting-horn exquisitely carved in hunting scenes, with carved portraits of Henry II, Francis I, and Francis II. The whole is carved upon a section of the hollowed tusk of an elephant.

"All nature has been called upon to contribute parts to the sound-producing devices of mankind, and a keen

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appreciation of the native ingenuity manifested in this direction induced Mr. Stearns to add many specimens in evidence. Gourds of various shapes and sizes form essential parts of rattles, drums, harps, flutes, and tambori—the latter an interesting group of guitar-like instruments from India. Animals of nearly all orders contribute skins, pelts, sinews, and other fibres as elements of construction. Among the most interesting examples are a harp, the body of which is the marine tortoise; a guitar, with a South American armadillo carapace for the body; and a gruesome drum from Thibet, composed of the crania of two human skulls.

"Ingenious mechanical devices for producing music are seen in the various forms of music boxes, hand organs, and the cleverly devised automatic clarinet player, which in its prime was one of the attractions of Barnum's Museum. Freak instruments of greater or less utility are numerous in all of the groups, bearing evidence of the progress of musical-instrument invention. The walking stick which, when resolved into its component parts, is found to contain a bow, and which itself becomes a violin, is a suitable companion to its sister violin with detachable neck and segmented bow, which packs into a box fourteen inches long. A chime of hand bells, musical glasses, musical coins, and the maccaroni sticks of the vaudeville performer, illustrate the musical possibilities of the most simple objects.

"Even a brief review of the collection would be quite incomplete should it fail to mention the Japanese temple drum with its artistic stand of early Japanese cloisonné, and the illuminated parchment choir book, to which the mystery of its origin gives an added interest. The nature of its contents, and the single inscription, 'Santiago,' upon its wooden cover, are the only clue. This evidence would seem to indicate that it was prepared in the 17th century for the service of a convent in Santiago, Spain. It is remarkably well preserved, and furnishes a fine example of the skillful workmanship of the later manuscripts."

In addition to the collection, Mr. Stearns added to the library an extremely valuable collection of works relating to the structure and history of musical instruments. This special library, in the selection of which the donor exhibited fine discrimination, has been added to by him from time to time, until it affords material for exhaustive researches into *Instrumenten-Kunde*. This gift was supplemented by a large and well-selected collection of orchestral and vocal scores, together with a number of scientific, critical, biographical, and historical works, given by his son, Frederick Kimball Stearns of Detroit, whose name must be included in the list of those who show their appreciation of the University in a substantial manner. In the same accession are also included scores of the most important works in the Chamber Music repertoire.

These libraries are placed in a special room in the General Library, which is very appropriately called the "Stearns Room."

The space in the Museum allotted to the Stearns Collection does not allow of its proper arrangement and display—indeed many of the most important and beautiful instruments are crowded together in badly lighted wall cases in the hallway of the fourth floor—nor does the housing favor the use to which the instruments should be put in instruction.

For these reasons, the hope is cherished that the future may bring a special building, in which may be included adequate facilities for the display and the utilization of the collection, and a lecture room, so arranged that ev-

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ery student taking courses in music shall be obliged to pass through the collection. Thus, by constant association, there may be developed a true appreciation of the magnitude and never-ending cultural possibilities inherent in the assembled instruments.

Such a building, called by his name, would be a worthy memorial to one whose "eye made estates as fast as the sun breeds clouds," and whose memory will ever be cherished by all who see in art one of the most worthy inspirations life can yield.

ALBERT A. STANLEY,
Professor of Music.

THE UNIVERSITY BEFORE 1849

The following reminiscences of the early days of the University appear in the manuscript "History of the Class of 1849," now preserved in the University Library. The history is a large volume of some 800 pages, elaborately bound in red morocco. In it appear the pictures of most of the members of the class, including photographic copies of the early daguerreotypes taken while the class was in college. An early portrait of Professor George P. Williams is also published as well as the picture of the first buildings of the University, which forms the frontispiece of the History and is reproduced herewith. The book is almost entirely the work of the class secretary, Theodore R. Chase, A.M., who died in Detroit Feb. 9, 1898, and was, as set forth on its title page, submitted to the class at the fortieth anniversary of its graduation, June 26, 1889. Space was left at that time for further history, and one by one the last pages of each biography have been filled until now there are but two of the twenty-three original members of this class which graduated fifty-eight years ago still alive, the Hon. Barzillai Gray, of Kansas City, and ex-Senator Thomas W. Palmer, of Detroit. The following was written by the class president, Edmund Andrews:

THE OLD UNIVERSITY CAMPUS AND SURROUNDINGS

As an inducement to the University to locate itself in Ann Arbor, the village, or some of its citizens, donated to the institution forty acres of land as a site. The tract was an exact square of a quarter of a mile on each side, nearly level, lying about 100 feet above the Huron river. The soil was a fertile, gravelly loam, but there were scarcely a dozen trees on the whole of it. However, the location was healthy, and the view from it was fine in every direction. To the north the ground descended abruptly a hundred feet to the Huron river, while beyond it rose picturesque hills where the City Park now lies. To the east rose a hilly slope cut with deep valleys, and crowned with primeval woods. Here was the favorite resort of excursionists, and the students made use of the retirement to practice their oratorical exercises. It is to be regretted that the city did not earlier recognize its inevitable growth, and take possession of this splendid natural park for true park purposes with its fine river winding along it.

To the south the University Campus overlooks a sweet, pretty valley, and the southern Ypsilanti road, while to the southwest rises a hill, up which climbs the beautiful road leading to Saline, and to Lodi Plains. To the west lies the city in its valley, and beyond rises a vista of rolling hills and pine woods. I fear the progress of civilization and the demands of agriculture will cut those woods away, and dim the beauty of the landscape before this class has closed its eyes on the scene.

The drives for many miles in every

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direction from the University are superb, especially up and down the Huron river and among the hills that flank its lovely valley. My classmates know that beauty of natural scenery always makes my heart throb, and they will forgive the foregoing remarks.

The Regents commenced to remedy the scanty tree supply of the Campus by putting a double row of trees around it, and commenced a small nursery of buckeyes in one corner but did nothing more in that direction for some years, so that in our college days the vacant field presented a striking contrast to the present luxuriance of foliage in 1898.

In addition to the two dormitories the Regents built on the Campus four Professors' residences, each having an enclosed garden attached. They also enclosed the whole Campus with a high picket fence and built a stile with steps across it in front of the first dormitory.

BUILDINGS

As before stated the Regents built the north dormitory first, and about 1847 constructed the second, or south one. They were exactly alike, being each 42 feet wide, 110 feet long, and 4 stories high. At a later period they filled up the space between them by putting in the main building, thus converting the three into one structure.

There was no well at the dormitories, but a large underground cistern was put in and rain water from the tin roofs led into it. The students pumped it out and carried it to their rooms and used it for drink and ablutions. Behind the cistern was erected a tall post on which hung the college bell to call us to morning prayers and to recitations, etc.

Behind was a large square wood yard about 150 feet across. The students heated their rooms with stoves by firewood, which they purchased of neighboring farmers at about $1.50 a cord. The boys sawed and split the wood themselves, and carried it up to their rooms in their arms. Some of them had to lug it up four stories. A wood-sawyer was hired by the College to supply the stoves in the chapel, laboratory, and recitation rooms. The dormitory rooms were in suites. Two or three students occupied each suite and paid a small rent to the University. The dormitories had no lightning rods, yet they never were struck by lightning, or at least not severely enough to do harm. The astronomical observatory was built on separate ground purchased outside the Campus.

THE OLD FACULTY

The father of the Faculty was the genial, round-faced, round-bodied, Professor George P. Williams. In playful but yet affectionate allusion to his jovial and rotund aspect, the class called him "Professor Punky." He was the first professor appointed by the Regents. At the opening of the University, the Regents felt some anxiety on the subject of sectarian influences. Recognizing that the majority of the people of Michigan wished their children to be under religious instruction and influences, they yet were apprehensive that there might be jealousy among the denominations represented in the institution. After consultation with the clergy of the various bodies of Christians, they resolved to distribute the professorships as impartially as possible among the principal denominations, and especially that the four professors, who lived in the four residences built on the Campus should be clergymen.

Accordingly they selected Professor Williams from the Episcopal church, and assigned him to the northwestern house. He taught mathematics, etc.

Professor Andrew Tenbrook was a Baptist clergyman and lived in the northeastern house, next door to Professor Williams. Professor Tenbrook was a sound, upright, and honorable

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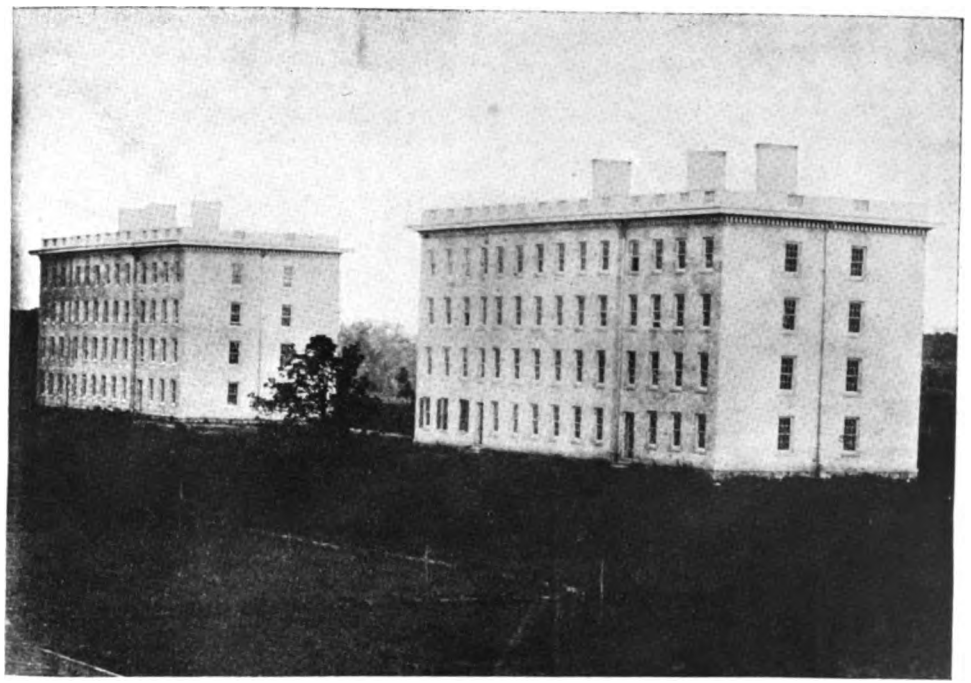

THE UNIVERSITY BUILDINGS OF 1849, NOW THE TWO WINGS OF UNIVERSITY HALL

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Christian gentleman, and exceedingly well read in the literature of his chair, which was metaphysics. *He is still (1898) living at the age of 84 years, though no longer teaching.

Professor Daniel D. Whedon was a Methodist clergyman. He was not a handsome man, being lank and angular in form and features, and a little sour in the first impression which he made. In fact there was a considerable sprinkling of vinegar at times in his way of expressing himself. However, he was a man of great intellectual power. He was upright, honest, and perfectly honorable in his character, and had no other fault than perhaps a trifle too much dyspepsia and psychological vinegar in some of his words and writings. After he left the University he expressed publicly the opinion that the Presbyterians and some others believed in a God, who was "our infinite gorilla." However, as long as he was in the University, he kept that particular bottle of sectarian vinegar carefully corked up. He was capable of elephantine jokes at times. The farthest removed of all the faculty from any "dudism," he claimed to be a "dandy,"—"for," said he, "I am Dan D. Whedon, which is phonetically the same as Dandy Whedon." He taught logic, rhetoric, and the philosophy of history.

Professor Agnew was an extremely elegant man in his dress and appearance. He represented the Presbyterian and Congregational element in the Institution. Small, but elegant in form and feature, he had a mind of the same type, and both as to speech and writing was very neat and beautiful in expressing his thoughts. His chair was Greek and Latin, and his superior skill in those languages was undoubted.

In honor and magnanimity of soul, he was not the equal of the rough and vinegary old "Dandy Whedon," but he was a far more polished man in externals.

Douglas Houghton was the first Professor of Geology and also state geologist. He was said to be a very able man, but in the course of his field explorations he was unfortunately drowned by the upsetting of his boat in a Lake Superior storm; and the class of 1849 never came under his instructions.

Professor Whiting also died so early that our class did not meet him.

Professor Abram Sager was in charge of botany and zoölogy. He was a man of exceedingly sensitive mind and heart, and of very high and pure morality. He was the most thoroughly read man in the University in the branches which he taught. He was early transferred to the chair of Gynecology and Obstetrics in the Medical Department.

Professor Silas H. Douglas in those days taught both geology and chemistry. He was brother of the distinguished Judge Douglas of the Supreme Court at Detroit. Professor Douglas was a short, well knit man with dark complexion and black eyes and hair. His mind was of a systematic and orderly kind. His laboratory was kept in perfect order and neatness, his experiments were always carefully prepared and tested, and never failed to work brilliantly before the class. He had not the requisite confidence in his power of speech to venture on ex-tempore lectures, but carefully wrote them out.

The Regents found that his accurate business habits were a great help in managing the executive matters on the Campus. Most of the new buildings were constructed under his supervision, and he saved many thousands of dollars to the University by his careful planning. When the second dormitory was built, the Regents directed him to make it an exact duplicate of the first one, and gave him a statement of the number of brick

* Professor Tenbrook died Nov. 5, 1899.

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required for the first, to guide him in buying for the second. He bought accordingly. The result was a surprise. When he had finished the new building, it had cost several thousand dollars less than the old one, and Douglas had enough surplus brick left to build a large part of the Medical College. Somebody stole when the first building was erected, and nobody stole when Douglas built the second.

When I succeeded Douglas as Superintendent of Grounds and Buildings, I found the city mechanics disposed to complain of him, because he always insisted on their living strictly up to their contracts. There was no stealing or shirking under his supervision.

He afterwards developed the great laboratory, now standing, which at that time was not excelled in the United States.

He was afterwards charged with mismanagement of the finances of the laboratory and malignant efforts were made to impugn his honesty. Not being then in the University, I had no personal acquaintance with the facts, but I knew the man well and I believe him to have been sternly and strictly honest, though he had some active and determined enemies. In his later years his health failed him and he died of an attack of disease of the brain.

Professor Louis Fasquelle was a Frenchman and taught us French, Italian, German, and Spanish. "Old Fasquelle" was a character. He was educated in Paris at the famous Ecole Polytechnique. He belongs then to a secret revolutionary society that mustered 100 bayonets. The police complained to his father of the "company he kept." They made Paris too hot for him, and he had to flee to England, where he was employed to teach French in the army, with the rank and pay of Post Captain. He refused to put on the British uniform, saying that "a French heart cannot beat under a British uniform," so the demand was waived.

When he was appointed professor in the University he proved peculiar, but very learned and efficient. He never got rid of his French accent. When we expressed our surprise and disapprobation of some of the French idioms, he would say "Zhentlemen, eef phee-losefers had made language, no doubt they would have made it different, but zhentlemen, pheel-osophers did not make it, therefore we must learn it as it is."

It was the rule in college that the four clergymen living on the Campus should conduct the morning prayers in the chapel. They accordingly took turns in that duty, and had us rung out of bed about half past five every morning for the purpose. Sometimes seniors hopped out of bed, wrapped their cloaks around them, and hurried in without their trousers to avoid a black mark.

Although Fasquelle was not known to have any religious principles, he maintained that when the students were required to attend morning prayers, all the Faculty ought to attend also, especially the four who were charged with those exercises. He accordingly used to appear every morning and sit solemnly on the platform, wrapped in his cloak, till prayers were over. One morning it was Whedon's turn and he overslept. Fasquelle sat patiently for some time and then arose and said:

"Zhentlemen, the praying professor has not come. We will therefore adjourn." Fasquelle made money. When he was old, a friend said to him that he ought to give part of his estate to his son, the young Fasquelle. The old man replied, "Did you ever hear of some gentleman who disrobed himself before he was ready to retire? If you did know of some such man, he presents a very ridiculious appearance."

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In 1845, the college had a tutor, named Beech. The class called him "Tutor Fagus." He used to assemble the new freshmen when they entered and instruct them in attending to their personal neatness, especially in blacking their shoes. He said these things were a kind of physical holiness which it was necessary to put on. Forthwith the students called shoe blacking "Physical Holiness."

A senior one night climbed the bell post and tied a strong twine to the bell clapper, and passed the other end of the twine into his window, where he went and spent hours in dinging the bell. Tutor Fagus crept softly out upon the Campus, and rushing to the post, clasped his hands around it, thinking to catch the culprit, but the bell continued to ring. Finally the student threw the string out of the window and escaped detection. The tutor's grab on the post was long celebrated.

UNIVERSITY LIFE AND ATMOSPHERE

Previous to the employment of Professor Douglas as financier, some looseness prevailed in college. When we entered we hunted up the professors charged with the duty of examining us for admission and got them to question us. Whenever any new student got through with the last one he could find, he pulled out of his pocket his ten dollar entrance fee and handed it to the man who happened to examine him last, without taking any receipt. After a few years the Regents began to inquire what had become of those fees. Tradition informs us that they had very poor success in finding out. Finally Professor Douglas was appointed Superintendent of Grounds and Buildings, and was required to collect thereafter all dues from students and to systematically account for the same. This rectified the leak and comforted the military soul of Major Jonathan Kearsley, the rigid, army bred, first Treasurer of the University, who could not abide any looseness of finances.

In the morning the bell rung us up about half past five, to go to chapel and attend prayers. This being over, we adjourned to the recitation rooms and there spent one hour. As there was no system of eating in college, we then with a big morning appetite adjourned to our respective boarding houses for breakfast. When Chancellor Tappan took his seat, he abolished all this. He said that the boys would both pray and recite better after breakfast, when they felt full and comfortable. We had three recitations a day. Monday mornings we had a recitation in the Greek Testament, so that we might not violate the Sabbath in studying heathen Greek to get ready for Monday morning.

There were two debating societies, the Alpha Nu and Phi Phi Alpha to one of which every man must belong. The secret fraternities were of course voluntary.

The college had no belfry, so we could not follow classical usage by hoisting a cow into it, but lesser exploits were attempted. Sometimes a picked turkey skeleton was hung up on the chapel desk. Once the chapel was filled with green hay just mowed on the Campus. Once a flock of sheep was carried up stairs and penned in the chapel. In the main, however, I grieve to say that the tricks were old, stale, and dry "chestnuts," come down from our dead grandfathers.

The chapel being a very small room, our commencement exercises had to be held down town in one of the churches.

As the graduating classes were then very small, every member was required to deliver a brief oration only a few minutes long. To avoid any favoritism in selection of places they followed each other in alphabetical order. The Regents forbade any honorary appointments like salutatorian

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and valedictorian and they placed on the programs a notice that "the assignment of places is not honorary." Prizes also were forbidden. Our class graduated 23, being the largest class up to that time.

In convivialities we were pretty sober. Societies, or other groups of students often went down to Mrs. Slack's restaurant and ordered a supper which was served by a pretty waitress named Rika. Often they were of a total abstinence type so far as intoxicants were concerned, but in other cases beer, wine, or distilled liquors were taken—occasionally to intoxication. A student or two out of the whole University was probably ruined, or much injured by dissipation every year. Some reformed afterwards.

In religious matters, each student was required to select a church and attend it regularly. A monitor was appointed to mark absences. Preaching was not maintained in chapel. The more religiously inclined kept up a weekly prayer meeting in the chapel, and a missionary society, and a college choir were maintained. On the whole the moral and religious tone was about level with that in denominational colleges.

Athletics were not regularly organized, nor had we any gymnasium. We played baseball, wicket ball, two-old-cat, etc., but there was no football nor any trained "teams." There was mere extempore volunteering. We had jumping wickets in the same way. Fencing and boxing were totally neglected. The Huron river furnished little opportunity for boating.

One term five of us planned to go down the Huron river to its mouth during the high water of the spring vacation. Our classmate and class secretary, Russell Chase, who understood boat building, constructed a light craft which could be portaged around dams. However, before vacation came the crew deserted one by one, until Chase and I only were left, and we were too weak to portage a boat of that size alone, so we gave it up.

I then got up another trip. Classmate Goodwin and I persuaded Professor Douglas to go with us down Grand river on a geological trip. So we went to Jackson, bought a rude old skiff, put into it a week's provisions, and set out down Grand river. We paddled six days down the river, mostly through primeval forest, and brought up at Grand Rapids. From there we walked two days and a half south to Battle Creek and thence took the Michigan Central Railroad home. It was a splendid excursion.

On the whole gymnastics were totally neglected in college as a systematic thing. Fortunately most of us were farm bred and had plenty of muscle, but the town boys suffered. We had one splendid natural but untrained athlete. This was classmate David E. Jones, who helped on our sports.

Those old halcyon days are gone, but they were jovial and on the whole well spent. Of our 23 graduates only five gray heads remain.

"Some morning when the wind has set
His bugles all a-blowing,
We shall be gone away."

God bless you, boys, on the eternal hills of Paradise.

Oct. 25, 1898.

EDMUND ANDREWS,
Pres. Class of 1849.

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News

ATHLETICS

MICHIGAN WINS FOR FIFTH TIME AT PENNSYLVANIA

For the fifth year in succession, Michigan's four mile relay team was again victorious at the Pennsylvania Annual Relay Carnival on Franklin Field, April 27.

The Michigan team was the same one that competed last year, and was composed of Harry L. Coe, Ann Arbor; James W. Maloney, Butte, Mont.; Floyd A. Rowe, Battle Creek, Mich.; and Horace P. Ramey, Georgetown, Ky. The time was 18:-39 2/5. Pennsylvania was Michigan's only competitor.

John Garrels, Michigan's Track Captain, also won first place in the discus throw at 135 ft. 9 in., and also took second in the shot-put. In this case Kruger of Swarthmore was first, with a put of 43 ft. 6 in. Garrels was almost a foot behind, 42 ft. 6½ in. Although the East was anxious to witness Garrels' performance in the hurdles, Keene Fitzpatrick considered it inadvisable for him to enter in this event. Patterson also did not enter the high-jump on account of sickness.

The West as a whole starred in the meet, winning something in almost every event. Chicago won the one mile relay, taking it away from Pennsylvania with a record of 3 minutes 25 2/5 seconds. Chicago also took second place in the pole-vault and third in the hammer throw. Columbia won first place in the two mile relay and Dartmouth second. Time 8:09 3/5. The account of the four mile relay race as given in the "Philadelphia North American" follows:

"The four mile relay was decided in the first mile. Pennsylvania pitted Laise, the new man, against the veteran and crafty Maloney of Michigan. Maloney allowed his rival to set the pace until he had sized him up. The pace was slow until the third lap, then on the turn Maloney leaped ahead and stride by stride pulled away. Realizing that his next team-mate was not in the best condition, he ran to his limit to give him a safe handicap and guard against any break-down. At the finish his advantage was 30 yards. The mile was finished in 4:43 4/5.

Root, veteran of many inter-collegiate struggles, set a fast pace after Ramey. His pace was so fast and his efforts so untiring that he almost caught Ramey, finishing only five yards in back. Jones, Penn's third athlete, was opposed by Coe, long and lank, but a tireless, speedy runner. After the first lap the event ceased to be interesting. With his long, easy stride Coe tore away from Jones, his margin at the close being 150 yards and the time for the three miles being 13 minutes 57 2/5 seconds.

Champions of the East and West, Rowe for Michigan and Haskins for Pennsylvania, met in the final relay but there was not even the semblance of a contest. Not forced, Rowe ran easily and allowed Haskins to make up some of the lost ground. It was regrettable that the pair did not start at equal terms as the finest race of the afternoon would certainly have resulted as both runners showed perfect condition. Haskins' time was slightly under 4 minutes 30 seconds.

A few of the results of the Carnival, in which Michigan was especially interested, are given. The records of high schools, preparatory schools, and academies are omitted, although in these, as well as in the college events, the West showed up preeminently.

Four-mile relay: Michigan, first; Pennsylvania second. Time, 18:39 2-5.
Two-mile relay: Columbia, first; Dartmouth second. Time, 8:11 3-5.
One-mile relay: Chicago, first; Pennsylvania, second. Time, 3:25 2-5.
One hundred and twenty-yard hurdles: Shaw, Dartmouth, first; Hubbard, Amherst, second; McCullough, Pennsylvania, third. Time, 0:15 2-5.
High jump: Moffett, Pennsylvania, first, 6 feet Risley, Colgate, second, 5 feet 11 inches; Rossman Cornell, third, 5 feet 9 inches.
Broad jump: O'Connell, Villa Nova, first, 22 feet 6 inches; Mount Pleasant, Carlisle, second, 21 feet 5 inches; Simmons, Princeton, third, 21 feet 4 inches.
Pole Vault: Allen, Syracuse, first, 11 feet 10 1-2 inches; Iddings, Chicago, second, 11 feet 9 inches; Norris, Illinois, third, 11 feet 6 inches.
Discus: Garrels, Michigan, first, 135 feet 9 inches; Harr, Syracuse, second, 127 feet 8 inches; Talbot Mercersburg, third, 125 feet 4 inches.
Shot-put: Kruger, Swarthmore, first, 43 feet 6 inches; Garrels, Michigan, second, 42 feet 6 1-2 inches; Burroughs, Harvard, third, 41 feet 3 inches.
Hammer throw: Talbot, Mercersburg, first, 153 feet 9 1-3 inches; Harr, Syracuse, second, 153 9 1-2 inches; Russell, Chicago, third, 146 feet 3 inches.

THE SPRING BASEBALL TRIP

Bad weather interfered considerably with the work of the baseball team on its spring trip. The game scheduled for Saturday, April 13, with Ypsilanti, was prevented by

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rain and cold, as were the first two games the following week at Grand Rapids.

In the four games that were played, however, the team was fairly successful, losing only the Grand Rapids game and winning the series from the Agricultural College. Grand Rapids, with its professional team, proved too strong at bat, although Coach Lowe expressed his satisfaction at the showing which the men made in this their first game. Whipple pitched for five innings and then Gilbert went in; Emerman and Loell caught. Score, Grand Rapids, 10, Michigan 1.

The first game at Lansing, Apr. 18, Martin was in the box with Loell as catcher. He pitched an errorless game, struck out eight men, permitted but four hits, and also fielded his position well. Score, Michigan 7, M. A. C. 2. The following day, with Whipple in the box, Michigan defeated M. A. C., score 8 to 0. Saturday, Gilbert pitched, striking out twelve men, and allowed but four hits. The final score was, Michigan 7, M. A. C. 2.

Wheeler is reported as having been a star throughout the series both at the bat and running bases. The team work was excellent and the field positions were held as follows: Dunne, first base, Kelley, second base, Patterson, short stop, Wheeler, right field, Mellon, center field, and Magarity, left field. Captain Taft was not in condition.

MICHIGAN, 2; ALBION, 0

Michigan shut out Albion in a baseball game, Saturday, Apr. 27, score 2 to 0. Whipple, the left-handed Varsity pitcher, showed excellent form, and struck out six men, allowed but two hits and no bases on balls. The game was a pitcher's battle with no clean hit on either side until the fourth inning when Mellon knocked one out to short, while two men went out. He was called out by a close decision at second.

One of the two runs was made in the fifth inning, when Giddings opened with a single, Kelley followed with a safe hit, going to second on error, while Giddings scored. The other run was made in the eighth by Wheeler, who made first on an error, later he went to second on a balk, reaching third on a grounder of Captain Taft's. He came home on a hit by Dunne to Ford, who dropped the ball and threw it to first too late to catch Dunne.

At no time in the game was Albion dangerous, none of her men reaching third base. Latham as pitcher scored eight strike-outs, but on the other hand, was hit safely nine times. Had he done better work the game would undoubtedly have gone into extra innings. The score by innings follows:

By innings:	1	2	3	4	5	6	7	8	9	
Albion	0	0	0	0	0	0	0	0	0	—0
Michigan	0	0	0	0	1	0	0	1	*	—2

Summary—Struck out: By Whipple, 6; by Latham, 8; hit by pitcher, Wheeler; balk, Latham; passed ball, McKale; double play, Kelley to Dunne; two-base hit, Giddings; stolen bases, Taft, Mellon, Loell. Time of game, 1:35; Umpire, Byron.

MICHIGAN, 6; OBERLIN, 0

By a score of 6 to 0, Michigan defeated Oberlin College, May 2. Whipple continued the excellent form which he showed in his other games but he was also given excellent support by the team. He gave Oberlin only one safe hit, in the second inning, Rupp who later died on second base.

The Oberlin pitcher, on the other hand, allowed nine hits well scattered. These, however, coupled with numerous errors on the part of the opponents, were sufficient to net six runs for the University. Michigan's first run was made at the second inning by Dunne, who reached first on an error by Bradley. He went to second on a sacrifice and came home on an error by Rupp. Wheeler went in in the next inning.

The following two innings resulted in a blank for Michigan's score. The next run was made in the sixth by Dunne on a clean single to right, a balk, and a two bagger to left, by Kelley. The seventh inning also resulted in a single run by Whipple, who made first in an error by Smith, went to second on a base on balls, and came in on a two bagger by Mellon.

In the eighth inning a safe hit sent Giddings to first; Kelley following with another in the same place, put Giddings on second. Patterson, however, struck out, although both runners advanced a base when Waters hit, Emerman struck out, Whipple made first on balls, bringing Giddings in. Kelley followed to third and then home on two passed balls. The inning ended with a fly to Husted by Wheeler. Score by innings:

By innings:	1	2	3	4	5	6	7	8	9	
Oberlin	0	0	0	0	0	0	0	0	0	—0
Michigan	0	1	1	0	0	1	1	2	*	—6

Summary—Two-base hits, Mellon, Kelley; sacrifice hits, Giddings, Taft, Kelley; struck out, by Whipple, 11; by Burton, 2; left on bases, Michigan, 6; Oberlin, 1; bases on balls, off Whipple, 1; off Burton, 2; passed balls, Waters, 5. Time, 1:35; Attendance, 600.

JUNIORS WIN WOMAN'S MEET

After breaking her own record for the high jump in the Women's Gymnasium, Miss Emily S. Stark, '08*m*, cleared the bar at 4 ft. 3 in., a quarter of an inch better than the world's record, at the girls' track meet Saturday, April 6, in Barbour Gym-

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nasium. The old record was 4 ft. 2 in., held by a Vassar student. This jump, however, was made on the fourth trial and the mark will not be allowed to stand. Miss Stark also won points for her class in the high balanced beams and in the swing jump.

Miss Margaret Turner also made the best mark in years in the shot put, making a put of 28 ft. 10½ in.

The juniors succeeded in reversing the records of the protested meet held a week before, winning the meet by a score of 169 5/6. The freshmen, winners in the contested event, had to be content with 125 1/3 points, the sophomores, 110 1/2, while the seniors took but 28, entering but three contestants. The events were as follows:

Shot-put: Margaret Turner, '08, first; Adelaide Inman, '10, second; Crystal Thompson, '09, third. Distance, 28 feet, 10 1-2 inches.
Thirty-Yard dash: Olive McDougal, '10, first; Katharine King, '09, second; Eloise Whitman, '10, third. Time, 0:04 2-5.
Balance beams: Emily Stark, '08, first.
Ropes: Louise Miske, '10, first; Margaret Parker, '10, second; Luella Way, '10, third.
Rings: Clara Trueblood, '09, first; Laura Tregea, '08d, second; Louise Miske, '10, third.
High jump: Emily Stark, '08, first. Height, 4 feet 2 1-2 inches.
Swing jump: Emily Stark, '08, first; Rena Mosher, '07, second. Height, 5 feet 11 inches.
Spring jump: Katharine King, '09, and Laura Tregea, '08d, tied for first place; Marie Ruhlmann, second; Eliza Stark, third. Height, 5 feet 5 inches.
Bom: Florence Wright, '10, first; Adeline Carter, '08, second; Edna Peet, '09, third.
Game of Newcomb: Upper classmen vs. freshmen, score, 37 to 21 in favor of upperclassmen.
Relay race: Won by freshmen. Time, 0:53 25.
Officials: Referee and starter, Dr. Brooks; announcer, Miss George; clerk of course, Miss Bridgeman; judges, Mrs. Paxson, Misses Chase and O'Dell; timers, Misses Smalley, Palmer and Martin.

THE FOOTBALL SCHEDULE

Although it is improbable that Michigan will be able to schedule any more games in the football schedule than it has already since the seven game schedule permitted by the Board of Control has already been filled, still it is of interest to know that two games have been requested by Eastern colleges. The latter part of April, Manager Baird received a telegram from Annapolis asking for a game on Nov. 9. This game, however, would have to take place on the Annapolis grounds, or Philadelphia, and, as it would come unfortunately between the Vanderbilt game on the 2nd and the Pennsylvania game on the 16th, it would necessitate a too heavy schedule.

Dartmouth also has requested a date, but nothing definite has been decided at the present time. The football schedule so far as now arranged is as follows:

Oct. 5.—Case at Ann Arbor.
Oct. 12.—M. A. C. at Ann Arbor.
Oct. 19.—Notre Dame at Ann Arbor.
Oct. 26.—O. S. U. at Ann Arbor.
Nov. 2.—Vanderbilt at Nashville.
Nov. 9.—Wabash at Ann Arbor.
Nov. 16.—Pennsylvania at Ann Arbor.

CAMPUS CALENDAR

COMING EVENTS

MAY

Friday and Saturday, 24 and 25.—Annual Interscholastic Meet. Ferry Field.
Thursday, 30.—Memorial Day, Holiday.

JUNE

Sunday, 16.—Baccalaureate address by President Angell.
Monday and Tuesday, 17, 18.—Class day exercises in the various departments.
Tuesday, 18.—Senior Reception, Barbour Gymnasium.—The Ben Greet Company in two Shakespearean performances, afternoon and evening.
Wednesday, 19.—Alumni Day. Reunions of the classes of '64*m* and '57, '67, '72, '77, '82, '87, '97, '02, in all departments.
Thursday, 20.—Commencement address by Ira Remsen, LL.D., President of Johns Hopkins University.
Friday, 21.—Vacation begins.

PAST EVENTS

APRIL

ATHLETICS

Tuesday, 2.—The baseball schedule was announced.
Wednesday, 3.—Representatives from the various fraternities met to discuss plans for an inter-fraternity baseball union.—Coach Yost conducted regular practice for football candidates on Ferry Field.—Captain Garrels issued a call for outdoor practice to all members of the track team.—Theo. A. Weager, '10*e*, Interlake, N. Y., was elected captain of the fresh-engineer baseball team.

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Friday, 5.—The '09e class awarded numerals to their basketball and track teams.

Saturday, 6.—The girls' athletic meet was held a second time owing to technical protests. The juniors won the silver championship cup.

Monday, 8.—The members of the Varsity baseball team for the spring tour were chosen by Coach Lowe and Captain Taft.

Wednesday, 10.—An exhibition in Barbour gymnasium closed the class work for this year.

Friday, 12.—The freshman and junior girls played indoor baseball.

Wednesday, 24.—The Varsity track team left for Philadelphia.

Thursday, 25.—A very successful swimming exhibition was given under the direction of Mrs. C. H. George, teacher of swimming, in the swimming tank in Barbour gymnasium.

Friday, 26.—The woman's championship indoor baseball game was played between the junior and sophomore classes.

Saturday, 27.—The Varsity nine played Albion on Ferry Field.

ENTETAINMENTS AND ADDRESSES

Monday 1.—Samuel C. Lind, Ph.D., addressed the Chemical Colloquium on the "Induction Period of Hydrogen Chlorine Reaction."

Tuesday, 2.—Samuel W. Gompers, president of the American Federation of Labor, lectured under the auspices of the Students' Lecture Association on "Organized Labor: Are its Ideals being Realized?"

Wednesday, 3.—The Sociology Club listened to an address on "Conditions in the South," as observed on a vacation trip taken by Arthur C. Pound, '07, of Pontiac.

Thursday, 4.—A Faculty concert was given in Frieze Memorial Hall by Messrs. Ern, Howland and Lockwood, accompanied by Miss Minnie Davis.

Friday and Saturday 5, 6.—The Michigan Union Minstrel show was held in University Hall.

Monday, 8.—Booker T. Washington spoke in the S. L. A. course on his work at Tuskeegee.

Tuesday, 9.—Emilio de Gogorza gave a song recital in the Choral Union series.—The electrical branch of the Engineering Society listened to two addresses on "Practical Drafting," and "Opportunities in Telephony."

Wednesday, 10.—Professor Lockwood gave the last of the historical lecture recitals on "Brahms and Liszt."—Professor Trueblood's Shakespeare class gave a public presentation of King Lear.

Thursday, 11.—Dr. Calvin H. Kauffman of the botany department addressed the Junior Research Club on "Some Effects of Environment."

Friday, 12.—The Minstrel Show was presented in Detroit.

Thursday and Friday, 25, 26.—Professor Ullrich B. Philips, of the University of Wisconsin, spoke in Tappan Hall on "The Development of the Plantation System in the South and Its Relation to Slavery."

Friday, 26.—Wm. M. French, director of the Chicago Art Institute, lectured in the S. L. A. course.—Professor Denison addressed the Engineering Society on "State Boundary Lines."

Saturday, 27.—Dr. Guy L. Kiefer, health officer of Detroit, delivered an address before the Students' Medical Society on "The Duties of a Public Health Officer."

Monday, 29.—Professor Moritz Levi gave a public lecture on "Le Bourgeois Gentilhomme" to be given by the Cercle Français on May 3.

RELIGION

Thursday, 4.—Professor George A. Coe, of Northwestern University, gave the first of the second series of Ferry lectures on "Types of Religious Life."

Friday, 5.—Professor Coe spoke on the subject, "How did Life look to Jesus?"

Saturday, 6.—Professor Coe spoke on "The Christian Experience."

Sunday, 7.—Professor Coe closed the series with a talk on "The University Attitude in Religion."—Rev. Lee S. McCollester, D.D., of Detroit, occupied the pulpit of the Unitarian Church.—Rev. Carl Patton, pastor of the Congregational church, began a series of Sunday evening talks on "Books with an Uplift in Them."

Thursday, 11.—Rev. Wm. P. McKenzie, C.S.S., lectured in Sarah Caswell Angell Hall on "Christian Science and Moral Education."

CLASSES, SOCIETIES AND CLUBS

Monday, 1.—The senior girls held an April Fool's masquerade in Barbour gymnasium.—The senior law class held their annual April Fool's Dance at Granger's Academy.—The U. of M. Camera Club sent their exhibit to the Intercollegiate Photographic Association.

Wednesday, 3.—The senior lit class held a banquet at Whitmore Lake.—The sophomore girls enjoyed a party in Barbour gymnasium.

Thursday, 4.—The girls' basketball season was closed with a banquet in the gymnasium at which covers were laid for sixty. Olive Bucks, '08, Aurora, Ill., acted as toastmistress. Toasts were given as fol-

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lows: The Finished Article, Helen H. Cook, '10, Marshall; Scrubs, Adeline B. Carter, '08, Guthrie, Okla.; The Hopefuls, Margaret Turner, '08, Escanaba; Ye Court of Appeals, Myra A. Jaquet, '07, Ann Arbor; Maids of Swastika, Leah S. Mason, '09, Battle Creek; Basketball of the Future, Dr. Brooks; The Cup-Bearers, Lulu Liesemer, '07, Ann Arbor.

Friday, 5.—The Jeffersonian Society held the final tryout for the cup debate.—The Deutscher Verein gave a dancing party in honor of the cast of "Der Bibliothekar."

Saturday, 6.—The Empire State Club held their annual business meeting and election. The new officers are as follows: Jessie J. McNall, '08, West Henrietta, N. Y.; vice-president, Grace H. Tiffany, '08, Albion, N. Y.; secretary, Lena M. Harmon, '08, Sinclairville, N. Y.; treasurer, Sarah J. Pledger, '10, Spencerport, N. Y.

Monday, 8.—The freshmen engineers gave a dance at Barbour gymnasium.

Wednesday, 10.—The students of the pharmacy department held their annual banquet at Ypsilanti.—The Senior Dental Society held their regular meeting in the dental ampitheatre.

Thursday, 11.—The senior girls' farewell banquet was given in Newebrry Hall.—The organization of a Taft Club was completed.

Friday, 12.—The musical clubs left for their spring trip.

Tuesday, 23.—The senior law class chose Hugo Sonnenschein as class orator.—The New York Club gave their second dancing party.

Wednesday, 24.—The junior girls held a minstrel and vaudeville session in Sarah Caswell Angell Hall.

Friday, 26.—The Webster Society held an election which resulted as follows: President, Oliver B. Bobbitt, '09*l*, Alderson, W. Va.; vice-president, Isaac R. Rubin, '08, Hutchinson, Kan.; secretary, Beryl B. Collins, '09*l*, La Moille, Ill.; treasurer, Earl C. Moody, '07, Nora Springs, Ia.; critic, Wm. D. Keeton, '08*l*, Florence Wis.; marshal, Gerald F. Hammond, '08*l*, Conneaut, Ohio.

Saturday, 27.—The junior engineers banqueted at Whitmore Lake.—The Collegiate Alumnae gave an "at home" to senior girls.—The Jeffersonian and Webster debating teams contested the subject: Resolved, that the U. S. should adopt the policy of subsidizing its merchant marine.

Monday, 29.—The senior lits held a dance at Granger's.

GENERAL

Wednesday, 3.—The *Inlander* issued a special "Wrinkle" edition.—The following members of the *Michiganensian* board of control for 1907-'08 were elected: Chairman, Charles A. Shierson, '08, Adrian; secretary, Carl E. Paulson, '08*e*, Omaha, Neb.; treasurer, Evans Holbrook, '00*l*, Ann Arbor.

Friday, 5.—A mass meeting of women was held in the parlors of Barbour gymnasium and committees appointed to plan a big dinner for college girls and alumnae on the principle of the annual Union banquet for men.

Saturday, 6.—The annual S. L. A. election resulted as follows: President, Walter D. Freyberger, '08, Decatur, Ill.; vice-president, Floyd A. Rowe, '08*e*, Battle Creek; recording secretary, John A. Wagner, '08*l*, Battle Creek; trustees, Allen H. Frost, '10, Buffalo, N. Y., Alfred L. De Vos, '10, Milwaukee, Wis., Edgar N. Gott, '09*e*, Detroit, David M. Hoover, '09*l*, Goshen, Ind., Allan M. Giddings, '10*m*, Ann Arbor, Wm. M. Casey, '09*e*, Cedar Falls, Ia.—The following officers of the Oratorical Association were elected: President, Guy B. Findley, '08*l*, Bangor; vice-president, J. W. McCandless, '08, Dayton, O.; secretary, Jesse W. Woods, '09*l*, Kent, O.; treasurer, Howard Barkdull, '09, Toledo, O.; delegate to Northern Oratorical League, Earl F. Case, '09l, Canandaigua, N. Y.—Chas. E. Winstead, '07, '09*l*, Cincinnati, O., was re-elected business manager of the *Daily* for the year 1907-'08.

Monday, 8.—"The Michigan Technic," the semi-annual publication of the Engineering Society, was placed in circulation.

Tuesday, 9.—The Student Council discussed plans for the improvement of the spring inter-class contests.

Thursday, 11.—The *Daily* staff and board of control banqueted at Oyster Bay and elected Paul S. Mowrer managing editor for next year.

Friday, 12.—Spring vacation began in all departments.

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UNIVERSITY NEWS

This department is reprinted from the University News-Letter.

THE WORK OF WATERMAN GYMNASIUM

In a cursory comparison of Waterman Gymnasium at the University of Michigan, with some of the larger gymnasiums of the East, it may seem to lack a great deal. But, while minus many of the luxuries the Easterners have, results achieved at Michigan compare favorably with those of the different universities.

Waterman Gymnasium at the University of Michigan was opened in 1894 at a cost of about $65,000. The basement contains the lockers and the baths while the one upper floor is fitted with a multitude of mechanical and other contrivances for use in athletic exercise. This upper floor necessarily serves a variety of purposes and would be a scene of hopeless confusion were it not for the skillful direction of the officials in charge. The inner walls of this large enclosure, or ground floor, are traversed by an oval running track for use in inclement weather. Also on the ground floor are the Director's offices and the so-called trophy room. Over these are a number of small rooms used for boxing, fencing, bag-punching, etc.

The chief and crying need in Waterman Gymnasium is a swimming tank. No university or college of rank, except Michigan, and no good preparatory school or city Young Men's Christian Association lacks this important adjunct of athletic training. In the East swimming tanks and special instructors to teach this branch of athletics are provided and many colleges maintain such instructors in connection with the regular staff. At Columbia one of the requirements is that a man must be able to swim before he is graduated. Considering the comparatively small sum that an adequate tank would cost it is indeed remarkable that no Michigan man has considered this project worthy of his efforts.

The Yale gymnasium occupies three floors besides the basement where the rowing and swimming tanks are located. The first floor is given over to the lockers and baths while the remaining two floors are completely fitted with almost every athletic contrivance that may be found in a gymnasium. The splendidly furnished trophy room is large and well lighted. This gymnasium was built and furnished at a cost of nearly $500,000.00.

The University of Pennsylvania gymnasium also occupies three floors in addition to a basement where dressing rooms and a splendid, large swimming tank are located. One striking feature of the Pennsylvania gymnasium however, is the lack of an indoor running track.

The gymnasium at Princeton is somewhat similar to Waterman Gymnasium but the former has more rooms, a larger floor space and a large swimming tank.

However, lack of facility at the University of Michigan has been overcome by the excellence of the officials in charge of Waterman Gymnasium. The athletes of Michigan rank high in the athletic world and, perhaps even more potent a factor in the comparison of results, is the fact that every year Michigan sends out a stream of men and women physically, as well as mentally, fit for the battles of life.

THE GRADUATE SCHOOL

While the Graduate School of the University of Michigan as an institution with definite aims, and definite organization, came into existence as late as 1892, the catalogue of the University for the year 1856 records the name of the first graduate student. Today nearly 150 graduates of this and other universities are enrolled in the School.

Dealing, as it does, with nothing but purely university work (as contrasted with the collegiate work of the undergraduate courses), the Graduate School aims to make provision for a systematic and efficient administration of the higher work which it offers, and to give a great deal of personal attention from the professors, to the graduate students. Success or failure in the accomplishment of these aims means much to the University's prestige as it is in this line of work that the greatest competition between rival institutions occurs.

For several years the degrees of Master of Arts and of Master of Science were the only degrees conferred and it was not until 1875 that the degree of Doctor of Philosophy was offered. The multiplication of electives and the introduction of the credit system in 1877-1878 had an important effect upon the graduate work. The increasing demand for efficient teachers led finally to the organization of the school as a distinct branch of university work. In the spring of 1892 the Graduate School was organized in connection with the Department of Literature, Science and Arts. Because of this connection it has brought into increased prominence the numerous advanced courses of that department, and has recognized and announced them as something distinct from the work of the ordinary college courses.

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Application for admission to the Graduate School is made to the Secretary of the Administrative Council, who is assisted by an Advisory Committee. The privileges of the School are open to all graduates of the Literary Department, and to graduates of other universities and colleges who answer the requirements. Before candidacy for a degree is recognized however, the approval of the Administrative Council is required. Graduate study for a degree is pursued along the line of work pursued in undergraduate years.

The student who desires a degree for graduate work is brought into distinct personal touch with the professors of his chosen branch, who arrange his course of study, help him choose the subject for his thesis, and pass judgment upon his work.

In 1906 52 higher degrees were conferred as follows:

Master of Science (In Forestry)	5
Master of Science	2
Master of Arts	32
Doctor of Philosophy	13
Total	52

In addition to these there were 149 students in the Graduate School of whom 2 were working in absentia. During the same year the following professors constituted the Advisory Committee: Professor Walter Dennison, Dean Richard Hudson, Professor John O. Reed and Professor Alfred H. Lloyd, of whom the first named acted as secretary of the Administrative Council.

THE LIBRARY EXHIBIT CASES

Among the latest improvements which have been added to the University Library is a series of upright, glass cases, placed in the hall on the east side for exhibits of various kinds.

"Their purposes," said the librarian, Theodore W. Koch, "is to suggest to the student that there is something worth while, outside of the curriculum." In these cases are found collections of prints, photographs, natural history subjects, and other exhibits of interest, which are changed every week or so.

The cases were first put in use last January when a series of photographs of ancient sculpture borrowed from the State Library at Lansing, appeared in them. A series of reproductions of Roman mural painting followed. The exhibits of the last month, have been a series of three color process prints, called "Masters of Color." Birds of Michigan, book plates, Shakespeare and Dante exhibits, reproductions of the old masters, and a collection of original magazine illustrations are forthcoming.

THE WINNER OF THE RHODES SCHOLARSHIP

Lawrence Cameron Hull, Jr., who, as was recently announced, has been chosen by the Oxford Committee as the Rhodes Scholar for Michigan after successfully passing the examination, was graduated from the University with the class of 1905 and is at present a junior law student. While he has always stood preëminent in his classes, he has also made a place for himself in many different college activities. He has been a member of the *Inlander* staff, as well as an associate editor of the *Michiganensian*, the senior year book. As an athlete he has been a member of every football and track team of his class, and was also a member of the University track team last year and was elected University football manager for 1906. He has been president of the University Y. M. C. A., and now holds that position in the Toastmasters' Club.

Mr. Hull will leave for England next summer.

THE PASTEUR INSTITUTE

During the past four years over two hundred cases of threatened hydrophobia have been treated at the University without the loss of a single patient. A Pasteur Institute, established in April, 1903, is maintained as a department of the hygienic laboratory in connection with the Department of Medicine and Surgery. Here people inoculated with hydrophobia from the bite of a dog are being most successfully treated. This is testified to by the fact that, in the four years of its existence, not one of the 246 patients who were treated at the Pasteur Institute has failed to respond to the treatment and in each case the patient left fully and completely recovered. This is a remarkable showing when it is recalled that only twenty years ago a person bitten by a mad dog was sure to die once the dread process of inoculation had started.

Residents of the state of Michigan are treated for a nominal fee of twenty-five dollars at this institute, the only other expenses being those of board and room. Patients from other states are charged a fee of $100 each for treatment. Through the institute all of the medical students are given the opportunity to become familiar with the procedures necessary in the treatment of rabies.

Up to April 1, 1905, 55 cases of hydrophobia were treated at the Pasteur Institute. From that date to April 1, 1906, 72 cases were added to the list. From April 1, 1906, up to the present time 119 additional possible cases of hydrophobia

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have been treated and cured. This sums up a total of 246 successfully treated cases of the once incurable terror. Of these fully two-thirds were from Michigan. The next largest number was from Minnesota, with Ohio a close second, while Indiana, West Virginia and Kentucky each contributed a few patients.

STUDENT ORGANIZATIONS

Student organizations at the University, societies and clubs of every variety, are constantly increasing. There are at present 43 fraternities, 32 for men and 11 for women, and at least 23 clubs having various reasons for existence. Nature of work, college class, residence, and unity of interest all tend to divide the student body into classes, and the fraternity, state club, class society, etc., are the result. Rare indeed is the student who has no opportunity to join some of these organizations.

The Greek letter fraternity is no doubt the strongest factor in undergraduate social life. It is the oldest and the most widely known, as well as having national recognition. The students who do not belong to fraternities are known as "independents." Nevertheless, the clubs are important; they make a meeting place for students coming from the same part of the country; they further friendship among class-mates, and foster social life among the students.

The Greek letter fraternities are constantly increasing in number. In 1897 there were 22 fraternities and nine sororities in the University. There are now 32 fraternities and 11 sororities. Of these twelve fraternities and one sorority are in the professional schools; seven are medical, including the sorority, Alpha Epsilon Iota, three are law, two, dental and one pharmic.

The attendance of the University during the year 1905-06 was 4,571. Fraternity statistics show an average of about 35 men in every fraternity (although the list of active, paying members is almost always considerably smaller) and 25 girls in every sorority. This in round numbers shows a total of about 1,400 members of Greek letter organizations in college, a number almost equal to one-third of the entire student body. All of the fraternities live in their own houses which are, in a majority of cases owned by the fraternities as corporate bodies.

There are 23 clubs which are not of the Greek letter order. Nine are state clubs, prominent among which are the Rocky Mountain Club and the Keystone Club of Pennsylvania men. The Cosmopolitan Club which has among its members men from almost every part of the world from Japan to Norway, is unique. Most of the state clubs are exclusively for men, although the women from the State of New York have formed among themselves the Empire State Club. These state clubs usually have about one hundred members.

The Friars, the Owls, the Toastmasters' Club, and the Madagascar Club, which has become the University Press Club, are other organizations for the promotion of goodfellowship and the bringing together of kindred spirits. Among the class societies in the various departments, election to which is an especially prized distinction are "Michigamua," a senior society, the "Vulcans," among the senior engineers, the "Phagocytes," among the senior medics, the "Barristers," a senior law society. There are also some lower class societies including "The Sphinx," a junior society, and the "Pipe and Bowl," a sophomore organization. Most of these clubs have rooms of their own where they meet at stated times. Among the University women there are two senior organizations, the "Mortar Board" and the "Senior Society."

PRIZES GIVEN FOR ESSAYS

For the fourth year the committee of economists headed by Professor J. Laurence Laughlin of the University of Chicago, offers in behalf of Messrs. Hart, Schaffner & Marx a series of four prizes for the best study on any one of twelve subjects given by the committee. The prizes are given in two classes, A and B.

Class A is composed exclusively of all persons who have received the bachelor's degree from an American college since 1896. The prizes are $1,000 and $500 respectively. In Class B, composed of persons who at the time the papers are sent in, are undergraduates in any American college, the prizes are $300 and $150. Prizes of Class A may be awarded to essays submitted in Class B if the merit of the papers demand it.

The subjects given out for the coming competition follow:

1. An Examination into the Economic Causes of Large Fortunes in this Country.
2. The History of One Selected Railway System in the United States.
3. The Untouched Agricultural Resources of North America.
4. Resumption of Specie Payments in 1879.
5. Industrial Combinations and the Financial Collapse of 1903.
6. The Case against Socialism.
7. Causes of the Rise of Prices since 1898.
8. Should Inequalities of Wealth Be Regulated by a Progressive Income Tax?

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9. The Effect of the Industrial Awakening of Asia upon the Economic Development of the West.
10. The Causes of the Recent Rise in the Price of Silver.
11. The Relation of an Elastic Bank Currency to Bank Credits in an Emergency.
12. A Just and Practicable Method of Taxing Railway Property.

The papers should be sent on or before June 1, 1908, to J. Laurence Laughlin, Esq., University of Chicago, Box 145, Faculty Exchange, Chicago, Ill.

Dr. J. Playfair McMurrich, A.M., Ph.D., professor of anatomy at the University has been given the honorary title of correspondent member of the London Zoological Society. He has also been elected an honorary member of the American Philosophical Society which meets at Philadelphia. This organization is one of the oldest of its kind in the country having been founded by Benjamin Franklin. President Angell is also an honorary member of the society, the hundredth anniversary of which was celebrated last year.

ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

THE PITTSBURG ALUMNI BANQUET

About one hundred alumni from Pittsburg and surrounding vicinity attended the fourth annual banquet of the Pittsburg Alumni Association on April 9, at the Union Club in that city. A short account of the proceedings was sent to THE ALUMNUS by Homer N. Young, '03*l*, Secretary and Treasurer of the Association. The banquet was in charge of a committee of five with John M. Haverty, '99*l*, as chairman.

It had been expected that President Angell, Dean Cooley, and Dr. Copeland would be present, and were in fact assigned toasts on the program, but their places were filled by local men. Hon. James Francis Burke, '92*l*, acted as toastmaster of the evening. Toasts were responded to as follows: John W. Dunkle, '81*l*, United States District Attorney for the Western District of Pennsylvania, who gave "Reminiscences," Anderson H. Hopkins, '92, now Librarian for the Carnegie Library at Pittsburg, spoke at length concerning his connection with that institution. Dr. William M. Johnston, *m*'74-'75, responded to the toast "Afterwards." Walter Lyon, Jr., '09*l*, represented the under-graduates, and spoke on "Present Conditions at Ann Arbor."

Letters of regret were read from Justice William R. Day of the Supreme Court of the United States, President Angell, Dean Hutchins, Dr. Copeland, and Dean Cooley.

THE CHICAGO ALUMNI BANQUET

With seventy-five more alumni at the tables than at any other previous banquet, and with enthusiasm and spirit that far surpassed that of any Michigan gathering ever held in Chicago, the annual banquet of the Chicago Alumni Association of the University, which was held in the Mid-Day Club Rooms, First National Bank Building, on April 12, was, without doubt, the most successful banquet the Association has ever held. Among the speakers were President Angell, Judge V. H. Lane of the Law Department of the University, Judge Cutting of the Chicago bench, and Professor George E. Vincent of the University of Chicago, who responded on behalf of President Judson, who was prevented from being present.

The first speaker was Edward Sonnenschein, '99-'01, '04*l*, who spoke on "Michigan Loyalty" in terms terse and to the point, very appropriate to the spirit of the evening. He was followed by Judge Victor H. Lane, who came purposely from Ann Arbor to clear up the misapprehension in the minds of alumni regarding Michigan's attitude toward the other colleges of the Conference. The report of his speech, which follows, was taken in large part from the account published in the Chicago *Tribune*:

JUDGE LANE'S SPEECH

"I am called upon to answer to indictments," said Judge Lane at the beginning of his speech. "I have come here tonight with the intention of sailing close to the wind. I assume it to be true that if a man engaged in higher education thirty years ago should be confronted suddenly with the present question of the relation of athletics to higher education he hardly would know the old ground.

"A dozen years ago college athletics were thought hardly respectable. The presidents of seven colleges arranged a conference to make them cleaner by taking out those things tending towards evil. There were seven colleges at first and then nine. Chicago, Illinois, Indiana, Iowa, Michigan, Minnesota, Purdue, and Wisconsin.

"Athletics grew in favor and were en-

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couraged by the universities. Then came the day when the educators realized that athletics were not retaining their primary relation to university life. Then came what is known as the "Angell Conference," which resulted in the adoption of restrictive legislation. That legislation was ratified by the faculties of the colleges and turned over to the boards as the athletic law.

"The three-year rule was designed to take freshmen out of the strenuous athletic life of intercollegiate contests to enable the faculty to get a line on them and find out whether they were able to carry on their work in connection with such heavy athletics. The graduate evil also was cut off, it having been the case in some instances that graduates remained in college to continue in athletics.

"Another restriction limited football games to five in number. Some thought the rules unnecessarily strict. Football men were allowed four years' competition, but in other sports only three years was allowed. I speak because these were irritating conditions.

"It was thought desirable for a time to cut off games between Chicago and Michigan and several other institutions. Michigan then turned to Pennsylvania and arranged a game at Philadelphia and a game this coming fall at Ann Arbor. Michigan went to Pennsylvania after playing four games, when Pennsylvania has played eleven.

'Our students, seeking to put themselves on a more equal footing, applied to the Board of Regents. The Board took no action, but made their individual feelings known. At a meeting of the nine colleges last winter, I asked if Michigan would be considered open to criticism if it played East under Eastern rules. Some members said openly they thought it would be proper. There was no opposition. Later I received two communications from a member of the conference encouraging the view.

"It was our desire to make the contest with Pennsylvania as equal as possible and not with the desire of defying the Conference. If anybody thinks we threw down the gauntlet to the Conference he is mistaken. If Michigan puts herself in defiance of the Conference I see no reason for remaining in the Conference at all. Michigan does not intend to put herself in that position."

In the absence of Dean Mortimer E. Cooley, Judge Charles S. Cutting, next on the program, spoke on "The College Man as I have Known Him," an unusually spicy, but at the same time complimentary, criticism of the college men in the various stages of his career.

In giving his formal report of the meeting, the Secretary of the Chicago Alumni Association speaks of Professor Vincent's speech as a "talk that will long be remembered. He hit right out from the shoulder, sparing us not one whit, but in that frank and open manner which completely won his auditors. His speech was most vigorously applauded and finally the banqueters arose as one man and gave the Chicago cheer with as much enthusiasm and vim as might be heard at a Chicago gathering." Professor Vincent said:

"Chicago is friendly to Michigan and will do anything possible to help her out of her athletic trouble. We are proud of you. But I want to hint in a friendly way that we will take more of your Professors away from you unless you pay them more money. Let us play a square game and cultivate friendly rivalry."

Dr. Angell, as the guest of honor, pointed out that one of the great problems which will have to be solved is the question of taking care of the greatly increasing student body. The passion for education in the middle west bodes the greatest good for the future of the nation. If the increase in the student body goes on at Michigan, as it has in the past, it will have 15,000 students in the near future, said Dr. Angell. This general tendency holds good with the University of Chicago and most of the other institutions of higher learning in the country.

The greatest single thing about the people of the middle west is their passion for higher education. I have often told this to foreigners who have asked me what I thought was the greatest single characteristic of the people in this part of the country, and it is a fact. In view of this I may say that whatever calamity shall befall this nation it shall not be due to a lack of education of our sons and daughters to fit them for the duties and struggles of life.

The officers and directors chosen for the coming year were as follows: President, John D. Hibbard, '87*e*; vice-president, William D. Washburn, '79; treasurer, Charles H. Conrad, '95; secretary, Philip G. Bartelme, '95-'96, '97-'98. Directors: Pliny B. Smith, '72*l*, G. Frederick Rush, '89, Solomon Eisenstaedt, '88, John Alexander Jameson, '91, David Kipling Cochrane, '88, Harry M. Sedgwick. '00*e*, S. Emory Thomason, '04, William D. McKenzie, '96, Fred W. Job, '85, '87*l*.

INDIANAPOLIS ALUMNI BANQUET

At the banquet of the University of Michigan Alumni Association of Indianapolis, held at the Claypool Hotel, Indianapolis, in honor of President Angell, there were

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ninety-eight alumni present. From the Secretary, THE ALUMNUS receives word that regular Michigan enthusiasm characterized the entire evening, and "in regard to President Angell the meeting closed with that feeling peculiar to friends the world over, the feeling that is the blending of joy at meeting, and sorrow at parting."

The list of toasts was as follows: Address, "The University," President Angell; Address, "The University in 1865," Pleasant Bond, '65; Toastmaster, Hon. Martin M. Hugg, '79*l*; "Michigan and Indiana," Jacob P .Dunn, '76*l*; "Associated University Alumni," Marie Haslep, '83*m*; "What the Medical Department has done for the Nation," T. Victor Keene, '02*m*; "The Law Department in 1876," Judge William W. Thornton, '76*l*; "The University Spirit," S. May Wheeler, '01, Ph.D. '03; "The Democracy of the University," Clarence A. Kenyon, '80*l*. Address at closing, "Alumni," President Angell.

The officers and Board of Directors of the Indianapolis Association follow: President, Pleasant Bond, '65; vice-president, Major A. Downing, '02*l*; secretary, Laura Donnan, '79; treasurer, Mrs. James T. Eaglesfield, '79. Board of Directors: James H. Ford, *m*'69-'70, Thomas A. Sims, '04, '06*l*, Owen L. Miller, '90.

THE 1907 REUNIONS

We publish herewith a list of the classes that will hold reunions this year, on Alumni Day, Wednesday, June 19, of Commencement week. The Alumni Association confidently expects to have a larger number than ever before in attendance, as more classes have reported than for many years. There are also several classes in the professional departments from which the Association has had no word, which should also meet at this time. Steps are being taken to reach them.

The classes which meet this year regularly are those ending in '2 and '7, as the reunions occur ordinarily every five years. The classes of '62 and '92, however, will not meet this year, '92 waiting over until next year when it can meet with '93 and '94 in one grand reunion, already under way. The secretaries of all the classes are hard at work and doubtless before this time most of the members of the classes expecting to meet have had word of the plans. Specific notes regarding the reunions have also been published from time to time in THE ALUMNUS.

It is uncertain as yet whether we can obtain the railroad rates of a fare and a third on the certificate plan that we have been able to offer before. According to word from the chairman of the Michigan Passenger Association, the reduction of the local rate of fare in Indiana and Ohio has led the Central Passenger Association to grant no more rates on the certificate plan since the fare of two cents a mile, which is now in force everywhere, is the exact fare which has been obtained before under this plan. In all probability, however, the certificate plan will be employed for persons attending from points in the State of Michigan. Further information upon this point will be published in the June number.

Members of the classes which are to meet, who have not heard from their class secretary, should write immediately. We give a list of these class secretaries and also some additional information regarding the meeting.

'64*m*. Elmore Palmer, 309 Plymouth Ave., Buffalo, N. Y. Meeting place, East Lecture Room, First Floor, New Medical Bldg.

'67. Jabez Montgomery, 301 N. Ingalls, Ann Arbor, Mich. Headquarters, Room 18, University Hall.

'72. Louis H. Jennings, 304 Reaper Blk., Chicago, Ill. The reunion of this class will be held on Tuesday, June 18, at the residence of Evart H. Scott, 1830 Washtenaw, Ave., Ann Arbor, at 3 p .m. The headquarters of the class on Alumni Day will be the Philosophy Seminary Room, First Floor, University Hall.

'77. Herbert M. Slauson, 433 S. Fifth Ave., Ann Arbor, Mich. The class will meet in Room 9, University Hall.

'77*m*. O. S. Armstrong, 801 Washington Arcade, Detroit.

'77*l*. Frank E. Jones, Savings Bank Bldg., Ann Arbor, Mich. Headquarters, Room F, Law Building.

'82. Junius E. Beal, 343 S. Fifth Ave., Ann Arbor, Mich. Meets first at Room 17, University Hall, 10:30 a. m.; luncheon will be given at Mr. Beal's at noon.

'82*l*. Judge David S. Frackleton, Flint, Mich. Headquarters, Room D, Law Bldg.

'87. Louis P. Jocelyn, 545 S. Division, Ann Arbor, Mich. Headquarters, Room E., University Hall.

'87*m*. Dr. Carl Huber, 1330 Hill St., Ann Arbor, Mich.

'87*l* and '92*l*. Have not been heard from but should hold reunions at this time. If any members of the classes do meet, headquarters will be Room E and Room C in the Law Building respectively.

'97. Miss Jennie P. White, Lansing, Mich., or Evans Holbrook, 1320 S. University, Ann Arbor, Mich. Headquarters, Room B, University Hall.

'97*l*. William L. Hart, Alliance, Ohio. Headquarters, Room D, Law Building.

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'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago; Directory Editor, Fred Dewey, 601 Majestic Bldg., Detroit, Michigan. Headquarters, Room 19, University Hall.

'02*l*. Gustav Stein, Montclair, Colo. Meeting place, Room G, Law Bldg.

'06*e*. Ralph R. Tinkham, 579 Cass Ave., Detroit, Mich. Headquarters, Engineering Building.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'56

Edgar R. Knapp, '56*m*, has retired after an active practice of over fifty years. He may be addressed at his home, 1232 S. Washington Ave., Saginaw, Mich.

'61

James T. Aulls, '61, A.M. '64, may be addressed at 1200 Brown St., El Paso, Tex.

John D. Parkhurst, '61*l*, of Charlotte, Mich., has retired from active practice.

George D. Chafee, '61*l*, delivered an oration on "Gettysburg" at the Lincoln memorial services held at Shelbyville, Ill., on Feb. 12. Mr. Chafee is now state senator from the fortieth district. His home is in Shelbyville.

'64

The medical class of 1864 will hold a reunion Wednesday, June 19, 1907. Headquarters East Lecture Room, First floor, New Medical Bldg.

The following is a complete list of the names and addresses of the living members of the medical class of 1864, fifty in number the day of graduation. It is expected that the majority of them will be present at the coming reunion.

Thomas W. Anderson, Cassopolis, Mich.
Samuel Bell, Beloit, Wis.
Cyrenius G. Clark, Maumee, Ohio.
Albert H. Daniels, Mitchell, So. Dak.
Owen Ellison, Ironton, Ohio.
Alexander Gunn, New Haven, Mich.
Morris Hale, Hot Springs, Ark.
Dwight J. Harris, Evanston, Ill.
Frederick W. Inman, Winter Haven, Fla.
Geo. W. Ling, Dutton, Ont.
William B. Lund, Burlington, Vt.
Silas H. Moore, Rensselaer, Ind.
Elmore Palmer, Buffalo, N. Y.
Alvin Z. Randall, Erie, Pa.
John H. Rheinfrank, Perrysburg, Ohio.
James Saunders, Orange, Texas.
Lauchlin Sinclair, Walkerton, Ont.
Robt. A. Stephenson, Athens, Ill.
Anderson D. Tewksbury, Tunkhannock, Pa.
Levi E. Tracy, Chillicothe, Mo.
Delos Walker, Oklahoma, Okla.
Leland S. Weaver, Fremont, Mich.

Thomas H. Ashton, *m*'63-'64, received special appointment as surgeon from Governor Morton of Indiana in July, 1864, immediately after leaving the University. In August he passed the regular examination and was appointed acting assistant surgeon in the Cumberland department of the United States Army. He received the degree of M.D. from the University of Nashville in March, 1865, and soon became surgeon in charge of the United States General Hospital, No. 4, at Murfreesboro, Tenn. For several years he was president of the board of pension examining surgeons at Nebraska City, Neb. For the past eight years he has been much disabled from traumatism. He is now living at Syracuse, Neb., and much regrets his inability to attend the class reunion.

Geo. Newell Lovejoy, '64*l*, contributes to the May number of the Reader Magazine, a poem entitled "Optimism." A volume of his verse will be published by a New York house early the coming year.

'66

Watson Parrish, '66*l*, has changed his address to 5524 Hill Crest Drive, Highland Park, Los Angeles, Calif.

'67

The class of '67 will hold its fourth decennial reunion on Alumni Day, Wednesday, June 19, 1907 See page 349.

Harmon M. Billings, *f*'65-'66, is now living at Veedersburg, Fountain Co., Ind.

Samuel R. Peters, '67*l*, is a member of the law firm of Peters & Peters, at Newton, Kans.

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THE UNIVERSITY OF MICHIGAN MUSICAL CLUBS, 1906-7

Top Row, left to right.—Sapiro, Skiles, Stone, Chase, Killeen, Eastman, Baldwin, Weber, Woodbury, Packard, Whitehead, Sanger, Boyer, Coors.

Second Row.—Rodi, Modine, Merker, Boucher, Loeffler, Hoyt, Killeen, George, Gleason, Armstrong, T. Ellis, DeVisser, Brown.

Third Row.— Small. Bennett, Young, Starkey, Sterling, Green, K. Clark, G. Clark, Potter, H. Ellis. Sears, Smith, Creighton.

Fourth Row.—French, Maloney, Estes, Knutsen, Emmerman, Schenck.

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'68

William F. Mitchell, '68*m*, writes from Lancaster, Mo., where he has been a practitioner for a number of years giving special attention to diseases of the eye and ear. Notice of his marriage appears in another column.

'69

'69. William A. Butler, Jr., 883 Second Ave., Detroit, Secretary.

Charles C. Whitney, '67-'68, is vice-president of the Commercial Bank at Bay City, Mich.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Judge William L. Penfield, '70, has resigned his office as Solicitor of the State Department, and has associated his son, Walter S., '00, with him in the practice of law, with offices at 212-216 Colorado Bldg., Washington, D. C. Their specialty is international law and diplomacy, although they are interested in general and departmental practice.

'72

'72. Louis H. Jennings, 304 Reaper Block, Chicago, Secretary.

The class of '72 will hold its thirty-fifth anniversary reunion on Tuesday, June 18, the day preceding alumni day. The class will meet at 3 p. m. at the residence of Evart Scott, 1830 Washtenw Ave. The headquarters on the following day will be in the Philosophy Seminary Room, University Hall.

'73

'73. William M. Carrier, First National Bank Bldg., Flint, Mich., Secretary.

Charles R. Wells, '73, is secretary and treasurer of the Industrial Works at Bay City, Mich.

'74

'74. Levi D. Wines, Ann Arbor, Secretary.
'74m. William C. Stevens, Detroit, Secretary.

George W. Lowry, '74*m*, is mayor of Hastings, Mich.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

Henry Noyes, '71-'72, is a proof-reader in the government printing office at Washington, D. C.

'76

'76. Alice Williams, Weedsport, N. Y., Secretary.

Joseph Ripley, '76*e*, is the engineer in charge of the projected locks to be built on the Panama Canal. Until recently, he has been a resident of Sault Ste. Marie, in charge of the Canal there, where he became, probably, the foremost American expert on canal locks. The project at Panama of three locks in flight, something never before attempted, rests upon his authority and it (with the associated Gatun dam), is the key note of the whole plan for the Canal as now being carried out. Since Engineer Stevens's departure, he has been practically the ranking engineer, by virtue of the fact that he has the link of the canal of most importance to the chain and the plan most attacked by the critics, under his charge. The importance of this portion of the work is shown in the article by Secretary Taft in the Century Magazine for December.

'77

'77 Herbert M. Slauson, Ann Arbor, Secretary.
'77 m. O. S. Armstrong, 801 Washington Arcade Detroit, Secretary.
The class of '77 in all departments will hold its third decennial reunion on Alumni Day, June 19, 1907. Literary headquarters, Room 9, University Hall; Law, Room F, Law Building.

Frank L. Fales, '77*l*, is practicing his profession at Vassar, Mich.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Rev. George W. Borden, '80, is now located at El Reno, Okla.

'81

'81. Homer H. Kingsley, Evanston, Ill., Directory Editor.

Asa D. Whipple, '81, is cashier of the Owosso Savings Bank, Owosso, Mich.

Joshua S. Blanchard, '81*m*, is practicing at Kearney, Neb.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907, Headquarters, Room 17. U. H. luncheon at secretary's home.
'82l. David S. Frackelton, Flint, Mich., has taken charge of reunion Headquarters, Room D, Law Building.

'84

'84. Mrs. Fred N. Scott, Ann Arbor, Secretary.

Adolph A. Schott, '84*p*, is proprietor of the Central Drug Company, Saginaw, Mich. He may be addressed at 503 Genesee Ave.

William E. Stevenson, '84*p*, is engaged in the wholesale and retail drug business, 901 Center Ave., Bay City, Mich.

John R. Shank, '84*h*, has his office at 501 Saginaw St., Flint, Mich.

Frank B. Adams, '84*h*, may be addressed at 70 Washington St., North Hampton, Mass.

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'85

'85. John O. Reed, Ann Arbor, Secretary.

Caralynn Allen, '85, is teaching in the high school at Bay City, Mich. She may be addressed at 500 McKinley St.

Milton G. Cage, '85*l*, may be addressed at Boise, Idaho.

'87

'87 Louis P. Jocelyn, Ann Arbor, Secretary.
The class of '87 will hold its twentieth reunion on Alumni Day, Wednesday, June 19, 1907. Headquarters, Room E, University Hall.

Samuel P. Cranage, '83-'85, is secretary, treasurer, and manager of the McGraw Transportation Company and the Cranage Steamship Company, Bay City, Mich.

John A. McDonald, '83-'85, is secretary and treasurer of the McDonald Grain Company, Bay City, Mich. He may be addressed at 224 N. Madison.

Jesse C. Shattuck, '87, is secretary and treasurer of the Michigan Sewing Machine and Organ Company at Owosso, Mich.

David E. Heineman, '87, *l*'88-'89, has been very active in municipal and communal work in addition to the practice of law. At the present time he is president of the Michigan League of Municipalities, trustee of the league of American municipalities, member of the state board of library commissioners, and president of the Common Council of Detroit. He acted as toastmaster, at the Michigan Union banquet held December 8, 1906.

Louis B. Carr, '87*p*, is superintendent of the Pittsburg Harqua-Hala Gold Mining Co., and may be addressed at Wendendale, Ariz.

'88

H. Kirk White, '88, is editor and publisher of the Owosso Press American, Owosso, Mich.

Frederic Cavanagh, '88*l*, may be addressed at Drumquin, Halton Co., Ontario.

'89

Louis E. Howlett, '89*l*, is located at Howell, Mich.

Wm. V. Rinehart, Jr., '89*l*, formerly of Nome, Alaska, now has an office in Room 1109, Alaska Bldg., Seattle, Wash.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Joseph R. Foltz, '90*l*, may be addressed at Antlers, Ind. Ter.

William E. Collins, '90*p*, owns a large drug store at 115 N. Washington St., Owosso, Mich.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.
'91l. Harry D. Jewell, Procate Court, Grand Rapids, Directory Editor.

Edgar M. Thorpe, '91, is president of the Robert Smith Printing Company, 230-236 N. Washington Ave., Lansing, Mich.

James B. Smalley, '87-'90, is treasurer and manager of the Smalley Motor Company, Bay City, Mich. He resides at 230 Adams St.

O. Richard Hardy, '91, may be addressed at South Pittsburg, Tenn.

Phebe J. Bullock, '91, was identified with the student volunteer movement while in college but did not enter the field until 1903. Since that time she has been a self-supporting missionary to the colored people of Atlanta, Ga.

Harry D. Jewell, '91*l*, has recently compiled a directory of his class. Any information regarding those members who could not be located will still be gladly received.

'92

'92. Frederick L. Dunlap, Ann Arbor, Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.

Alexander D. C. Hardy, '88-'89, formerly of Flint, Mich., is now located at Waterloo, Iowa.

William Bassett, '92*e*, is chief draftsman at the Industrial Works, Bay City, Mich.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Melvin P. Porter, '93, and Mrs. Marion Otis Porter, '97, are still carrying on their settlement work in Neighborhood House in Buffalo. Mrs. Porter is head worker and resident. It is to be noted that among the list of its residents appears the name of Ellen L. Porter, aged four.

Nellie M. Balcom, '89-'91, is superintendent of Hinley Hospital, Dubuque, Iowa.

William H. Wilson, '93, is now registrar of Hahnemann Medical College, 2811 Cottage Grove Ave., Chicago, Ill.

Flora H. Bourns, '89-'90, who spent some time as a journalist in the Philippines is now doing similar work in Detroit and may be addressed at "The Tuller" for the present. Communications sent in care of Dr. F. S. Bourns, Seattle, Wash., will always reach her.

William J. Mayo, '93*m*, is one of the two Mayo brothers, surgeons, who have given to Rochester, Minn., a world-wide reputation among physicians. They have, in fact, been characterized as the physicians' physicians. Dr. William Mayo is the elder of the two brothers.

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'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Benjamin C. Robinsin, '90-'92, is secretary and manager of the Flint Gas Co., Flint, Mich.

Joseph Foster, '94*m*, is practicing medicine at Lansing, Mich. He is also conducting a private hospital at 128 W. Allegan St.

Minnie Hoagland, '94*m*, is located at Provo City, Utah.

Jay B. Ostrander, *p*'90-'91, is proprietor of West End Pharmacy, W. Bay City, Mich.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Lewis H. Bridgman, '91-'93, is assistant cashier of the Union Trust and Savings Bank at Flint, Mich.

Mark S. Knapp, '98*m*, of Flint, Mich., will spend the coming year in clinical work at Chicago.

Helen Nelles, '95 (Mrs. Lloyd L. Axford), may be addressed at 263 Harper Ave., Detroit, Mich. Mr. Axford was a member of the '93 law class.

Mark W. Tenny, '91-'92, *e*'93-'96, may be addressed at Paraiso, Canal Zone, Panama.

George W. Belknap, *l*'91-'92, has removed from Ohio to the West and is now located at Naravisa, N. Mex.

Horace Tupper, '91-'93, '95*l*, is deputy county clerk at Bay City, Mich. He resides at 1009 Washington St.

Warren S. Rundell, '95*l*, is city attorney at Flint, Mich.

William W. Potter, '95*l*, ex-state senator, has an extensive law practice at Hastings, Mich.

Warren Pierpont, '90-'93, '95*l*, has a very active law practice at Owosso, Mich.

Marshall L. Howver, '95*d*, received the degree D.M.D. from Harvard University in 1904 and is now practicing dentistry in Boston. Address, 170a Tremont St.

'96

'96l. Ray G. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.
96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Mary L. Smith, '92-'93, B.L. (Olivet) '86, is teaching at Lincoln, Neb. Address, 710 S. 17th St.

Harold O. Comstock, '92-'93, *e*'97-'98, '01-'02, is district manager for the Richmond Safety Gate Company. His office is 1428 Marquette Bldg., Chicago, Ill.

Annie L. Bacorn, '96, (Mrs. William Bradford Buck) M.L. '98, is now residing at Meadowbrook, Pa.

Arthur T. Emery, '92-'93, may be addressed at 375 Indiana Ave., Toledo, Ohio.

Guy T. Lamont, '96*e*, is manager of the Matthews-Lamont Planing Mill of Bay City, Mich. He lives at 132 Washington Ave.

Christian P. Nelson, '96*m*, who has been doing post-graduate work in Chicago, is now located at 3203 N. Lyndale Ave., Minneapolis, Minn.

Hector Hillman, '96*d*, is located at Charlotte, Mich.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97l. William L. Hart, Alliance, Ohio, Directory Editor.

The class of '97 will hold its decennial reunion on Alumni Day, Wednesday June 19, 1907.
Literary headquarters, Room B, University Hall; law headquarters, Room D, Law Building.

Jennie C. Anderson, '97, is teaching Latin in the High School at Santa Cruz, Calif.

A recent number of the Publications of the Astronomical Society of the Pacific announces that Dr. Sidney Dean Townley, Sc.D. '97, astronomer in charge of the International Latitude Observatory at Ukiah, California, and lecturer in astronomy in the University of California, has been appointed to an assistant professorship in the department of applied mathematics at Leland Stanford Junior University. Dr. Townley will assume the duties of his new position with the beginning of the next academic year in August.

George E. Frazer, '97, is secretary of the Princess Manufacturing Company at Flint, Mich.

Edgar Bates, '97, '00*m*, is taking a post-graduate course in the Manhattan Eye, Ear & Throat Hospital, New York City.

Milton R. Parmelee, '97, is professor of mathematics and master of the house at Harvard Military Academy, Los Angeles, Calif.

Birdsil E. Blanchard, *e*'93-'94, '96-'97, is electrical engineer with the Chicago board of underwriters. Address, 159 La Salle St.

William M. Bresler, *l*'94-'97, is an attorney-at-law in the American Trust Bldg., Cleveland, Ohio.

Roland S. Mitchell, *p*'93-'94, '97*d*, is practicing dentistry in Toledo, Ohio. Address, 222 Michigan St.

Fred B. Eycleshymer, *p*'93-'94, for several years past owner of the drug department of the Boston store, Milwaukee. Wis., has entered business for himself in the Cawker building on May 1. The new firm will be known as "The Public Drug Co."

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'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.
The first decennial reunion of the class of '98m. will be held on the Campus at Ann Arbor, Alumni Day, June, 1908.

William R. Carpenter, '98, formerly of Houghton, Mich., is now employed as clerk in the department of commerce and labor, Washington, D. C., and may be addressed at 2209 N. St. N. W.

John F. Thomas, '98, is superintendent of public schools at Hastings, Mich.

Lawrence H. Van den Berg, '98, who has been principal of the high school at Owosso, Mich., for the past three years, has resigned his position to accept a place offered him as superintendent of schools at Grand Haven, Mich.

Adriel A. Crawford, '98, is assistant postmaster at Owosso, Mich.

Sylvester G. Pake, '94-'95, *m*'94-'95, M.D. (Bellevue) '98, may be addressed either at Hotel Superior or Board of Trade, Superior, Wis.

Horace Newhart, '98*m*, is practicing at Minneapolis, Minn. Address, Hampshire Arms.

Howard I. Shepherd, '98*l*, is with the Toledo Shipbuilding Company, Toledo, Ohio.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Frederick Johnson, '99 B.S., is County School Commissioner of Genesee County, and may be reached at Flint, Mich.

Joe C. Osborn. '99, is secretary and treasurer of the Owosso Casket Company, Owosso, Mich.

Edgar L. Cooley, '95-'98, is manager of the Michigan Supply Company, 124-26 E. Ottawa St., Lansing, Mich.

Robert W. Norrington, '95-'97, formerly of W. Bay City, is now located at Goldfield, Nev.

Isabel A. Ballou, '99, is teaching English, history and civics in the Bay City High School. Address, 911 N. Sherman St.

Frances L. Bauer, '99, is a merchant in membership with the firm G. W. Taylor and Sons, Le Sueur, Minn.

Katherine Law, '95-'97, director of the art department of Wisconsin State Normal School has changed her address to 100 N. Prince St., Whitewater, Wis.

Hugh Law, '95-'97, is manual training director at Covington, Ky. Address, 2030 Scott St.

Louise F. Dodge, '95-'97, '98-'00, is a journalist in San Francisco, where she may be addressed at [illegible] St.

Lewis G. Howlett, '99*e*, is superintendent of the Industrial Works, Bay City, Mich.

In a recent number of the "Selling Magazine," published in New York, appears an interesting article upon the 'Economics of Circulation' by George H. Gibson, '99*e*, consulting engineer. The article is of special significance to publishers and advertisers and shows in mathematical terms the relations between circulation, and cost of advertising and cost per inquiry. Mr. Gibson is at present an advertising engineer with headquarters in New York City. Address, 628 W. 148th St.

Ray T. Fuller, *m*'95-'96, is practicing at Eagle, Clinton Co., Mich.

Elihu A. Martindale, '99*m*, has removed from Jackson, Mich., to Hillsdale, Mich.

Frank E. Bennett, *m*'95-'97, is living at 39 Sanitarium Ave., Battle Creek, Mich.

Louis S. Arnold, '99*l*, is assistant district attorney at Tucson, Ariz.

Earl F. Phelps, '99*l*, may be addressed at Stanton, Mich., where he holds the office of prosecuting attorney.

Henry T. Clarke, '99*l*, has recently been appointed by Governor Sheldon as State Railway Commissioner of Nebraska to fill the vacancy caused by the resignation of Robert Cowell. At the time of his appointment he was a member of the State Legislature. During his membership of that body he was deeply interested in the bill known as the terminal tax bill, which he won after a rather spectacular fight. Three predecessors, who had led the fight, were stricken seriously ill in succession and the privilege was given to Representative Clarke of standing the brunt of the fight and bringing it to a successful close. It was characterized by some of the Omaha papers as perhaps the biggest individual task accomplished by any member of the Omaha Legislature.

William G. Law, '99*d*, is practicing in Berlin, Ger. Address, In den Zelten, 18a.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Burt B. Hodgman, '96-'98, completed his studies in civil engineering at Princeton in 1903 and is now consulting hydraulic engineer in he service of the bureau of filtration of Philadelphia, Pa.

Henry F. Jacob, '00, '02*l*, may be addressed at Battle Creek, Mich.

Mary H. Heffernan, '96-'97 (Mrs. Chas. McCabe), is living at Marquette, Mich.

Alice M. Thorne, '00, is director of music in the public schools of Le Mars, Iowa.

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Russell R. McPeek, '96-'98, is practicing law at Charlotte, Mich. He is also active in city politics.

Dwight L. Goodyear, '96-'98, *l*'95-'96, formerly of Hastings, Mich., has moved to Lima, Ohio, where he is engaged in mercantile business.

James H. Barnebee, *m*'96-'97, M.D. (Rush) '01, now resides at Mendon, Mich.

James A. Matteson, '00*m*, is an assistant surgeon at the National Military Home, Ind.

Jeannette M. Brigham, '00*m*, is practicing at Howell, Mich.

Charles A. Niman, '00*l*, has removed from Aurora. Ohio, to 600 Sehofield Bldg., Cleveland, Ohio.

John B. McAdoo, '00*l*, may be addressed at Pittsburg, Pa., 1351 Frick Bldg.

Frank J. Bayley, *l*'97-'98, '98-'00, is a piano dealer at 23 Wilcox St., Detroit, Mich. His residence is 56 E. High St.

Rudolph W. Olson, *d*'97-'98, is in the insurance business at Negaunee, Mich.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

Ebenezer G. Beuret, '01, now holds the rank of Lieutenant at Fort Wm. Seward, Alaska.

Anna A. Bright, '01, may be addressed at Bemidji, Minn., where for the past four years she has been principal of the high school.

William T. Kelley, '97-'98, is city attorney at Mt. Clemens, Mich.

Florence M. Michelson, '97-'98, is teaching in the Washington School, Duluth, Minn. Address, 117 E. 3rd St.

Charles A. Bacmeister, '97-'98, is a salesman at 5 W. Randolph St., Chicago. His residence address is 2486 N. 42nd Ave.

Nellie G. Densmore, '01, is teaching Latin and German in the high school at Owosso, Mich.

Lloyd E. Gandy, '01, '03*l*, who for some time past was associated with a Spokane, Wash., law firm, last October opened offices of his own in the Hdye Block in the above city.

Clifford A. Barabe, *e*'97-'98, '98-'99, has gone to Bisbee, Ariz., for his health. His home is still in Ishpeming.

Glenford L. Bellis, *m*'97-'98, M.D. (Detroit) '03, is health commissioner of Antigo. Wis.

William C. Brooks, '96-'97, '01*l*, is business manager of "The Critic," Oakland, Calif.

Samuel R. Hazard, *l*'98-'01, is general agent for the New York Life Insurance Company at Des Moines, Iowa. Address, 701 Crocker Bldg., or 1525 High St.

Paul P. Bennett, *l*'98-'00, is now engaged in the manufacture of paper boxes at Rockford, Ill.

Amil F. Nerlinger, '01*l*, of Traverse City, Mich., has recently been elected Judge of the Recorder's Court.

James W. Barnebee, *h*'97-'98, graduated from Rush Medical College in 1902 and is now practicing at Fulton, Mich.

Harry O. Barnes, '01*d*, may be addressed at 229 Washington Ave. S., Lansing, Mich.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.
'02l. Gustav Stein, Mountclair, Colo., Secretary
The class of '02 will hold its first reunion on Alumni Day, Wednesday, June 19, 1907. Headquarters, Room 19, University hall. The '02 law class will meet in Room 9, Law Building.

John H. Crosby, '02, '04*m*, is practicing in Otsego, Mich., and is also president of the village.

Carey H. Conley, '02, is instructor in English and public speaking in Grand Island College, Grand Island, Neb.

Lauretta M. Ferguson, '02, is teacher of history in the high school at Traverse City, Mich.

Herbert P. Carrow, '02, is secretary and treasurer of the Hayes Manufacturing Co., Detroit, Mich.

Roland B. Barrett, '98-'00, is connected with the Barrett Bindery Co.\ manufacturing stationers, binders, etc., of Chicago, Ill. He may be addressed at 3230 Calumet Ave.

Daniel I. Elder, '02, is now secretary of the Farwell Portland Cement Co., Farwell, Mich., and chemist for the St. Louis Chemical Co., St. Louis, Mich., residing in the latter place.

Lynne Worth, '98-'01, may be addressed at 380 Pipestone St., Benton Harbor, Mich.

Waldo A. Avery, '98-'00, is now a lumberman at Aberdeen, Wash.

Bernice Worth, '02 (Mrs. R. B. Taber), may be addressed at 380 Pipestone St., Benton Harbor, Mich.

Christopher G. Parnell, '02, '04*m*, is a practicing physician at Jackson, Mich.

Benjamin Gregor, '98-'99, is teaching in Michigan City, Ind.

Laura A. Lane, '98-'00, graduated from the literary and medical departments of the University of Colorado in 1904 and is now practicing at Rocky Ford, Colo.

Richard L. Flynn, '02, is department secretary of the Boys' Department, East Side Branch, Young Men's Christian Association, City of New York. Address, 153 E. 86th St.

Jesse W. C. Brown, '02, is superintendent of schools at Cassapolis, Mich.

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George G. Damon, '02, has changed his address from 5623 Madison Ave., Chicago, to Iola, Kan.

Alvin N. Cody, A.M. '02, is superintendent of schools at Flint, Mich.

Carrie A. Barber, '02, may be addressed at Richland, Mich.

Carl C. Eckhardt, A.M. '02, is an instructor in history in the University of Missouri, Columbia, Mo.

William F. Temple, '02*e*, who since his graduation has been connected with the Stewart Hartshorn Co., at their factory in Muskegon, Mich., has accepted a position as manager of their factory in Toronto, Canada. He began his new duties on the 15th of April, and will be glad to hear from any of the boys at his new address, 54 River St., Toronto, Canada.

Rollo C. Barnum, *l*'99-'02, is doing newspaper work at Muskegon, Mich.

The first reunion of the '02 Law class will be held in Ann Arbor on Alumni Day, June 19, 1907. It is earnestly hoped that all who can will attend. Gustav Stein, permanent secretary. ,

Fountain F. Beattie, *l*'99-'00, is practicing law at Greencastle, S. C.

Oswald F. Weneker, '02*l*, is practicing in Dallas, Texas.

Roy M. Ludlum, '02*l*, reports from Battle Creek, where he has an office in the New Ward Bldg.

Willard A. Knight, '02*l*, of Battle Creek, is now representative in the state legislature.

Francis W. Mansfield *l*'99-'00, is an attorney at law at Everett, Wash.

Frederick C. Hack, '02*l*, is practicing his profession at 1400 1st Nat'l. Bank Bldg., Chicago, Ill. He resides at 3548 Rhodes Ave.

Dayton W. Closser, '02*l*, may be found in the Savings Bank Block, Alpena, Mich.

George A. Batterson, *l*'99-'02, is practicing law in the Masonic Temple at Portsmouth, Ohio.

Clyde Alexander, *l*'99-'00, is employed with a sugar company in San Francisco. Address, 1777 Geary St.

Winfred M. Alston, '02*l*, who was connected with the attorney general's department, Puerto Rico, for a time, is now practicing his profession at 8 Beacon St., Boston, Mass.

William H. Abbott, *l*'99-'00, is a member of the law firm of Dorr and Hadley, Pike Blk., Bellingham, Wash.

Ward B. Connine, '02l, is prosecuting attorney of Oscoda County. Address, Oscoda, Mich.

James E. Forrest, '02*l*, LL.M. '03, is assistant postmaster at Dallas, Texas.

Harvey L. Baer, *p*'98-'99 *a*'99-'01, is a pharmacist at Akron, Ohio.

Jonathan C. Whatley, '02*d*, sends word from Boulder, Colo., where he is practicing his profession.

Matthew E. Kearney, '02*d*, may be addressed at Munising, Mich.

Rudolph J. Siegmund, *d*'99-'00, is practicing dentistry at Shoals, Ind.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03*e*, Mason City, Iowa, Assistants.

'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.

'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.

'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Born to Charles H. Norton, '03, and wife, a daughter, Lucelia, on Mar. 22, 1907. Mr. Norton is travelling for Ginn & Co., making his home at Aurora, Ill.

Arthur H. Norton, '03, '04*h*, of North Adams, Mich., is the father of an infant son, Henry Holmes Norton, born Jan. 11, 1907.

Ralph H. Holmes, '03, is manager of sales and advertising for the Hygienic Food Co., Battle Creek, Mich.

William J. Field, '03, is doing journalistic work in Cleveland, Ohio, and may be addressed at 7514 Linwood Ave.

Walter G. Benz, '99-'00, is an automobile dealer in Minneapolis, Minn. His home address is 5 Sherburne Ave., St. Paul, Minn.

Ralph K. Barr, '99-'00, *l*'00-'02, is an attorney at Kendallville, Ind.

Edith C. Carter, '03 (Mrs. Grant D. Bradshaw), may be addressed at 116 Mound St., Joliet, Ill. Her husband is a '04*e*, employed with the Illinois Steel Co.

Scott Leavitt, '99-'00, is superintendent of schools at Lakeview, Lake Co., Ore.

Franklin P. Adams, '99-'00, is employed on the editorial staff of the New York Evening Mail. Address, 16 Manhattan Ave., New York, N. Y.

Samuel E. Atkins, *e*'99-'01, may be addressed at 201 Wolvin Bldg., Duluth, Minn.

Edwin L. Thirlby, '03*m*, has just been elected a member of the board of education of Traverse City, Mich.

Herbert H. Hills, '03*m*, is assistant physician at Oak Grove Hospital, Flint, Mich.

James M. Cooper, '03*m*, served on the United States typhoid commission for two years after graduation and then accepted the position of house surgeon in the New York Ophthalmic and Aural Institute. He is now practicing independently as an eye, ear, nose and throat specialist in the Fine Arts Bldg., Detroit, Mich.

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Frank A. Boyer, '03*l*, is practicing law in the Valentine Bldg., Toledo, Ohio.

Calvin S. Boyer, *l*'00-'02, is practicing law at Doylestown, Pa.

William C. Beer, '03*l*, is solicitor for the city of Bucyrus, Ohio.

Elva C. Andrews, *l*'00-'02, may be addressed at Vermilion, So. Dak.

Clarence H. Bissell, '03*l*, is secretary and treasurer of the Alert Pipe and Supply Company, Bay City, Mich.

Frank L. Egger, '03*l*, may be addressed at White Plains, N. Y.

Fred L. Woods, *p*'97-'99, A.B. '03, *e*'03-'04, is superintendent of a cement plant at Iola, Kan. Address, 312 Madison St.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.

Roy A. H. Thompson, '01-'03, formerly manager of the Regal Shoe store, has recently accepted a position in the sales department of Marshal Jackson & Company, of Chicago, Ill.

Sedona L. Fesenbeck, '04, is teaching at Humboldt, Ia.

Harry D. Everett, M.S. (For.) '04, has been in charge of forest district No. 8, Philippine Islands, for nearly two years. He may be addressed in care Bureau of Forestry, Manila. His permanent address is 159 West Main St., Malone, N. Y.

Charles F. Erwin, '04, of Harbor Springs, Mich., is assistant chemist with the Missouri Pacific Ry. Co., St. Louis, Mo.

Florence M. Cotton, '04, may be addressed at 958 W. Monroe St., Chicago, Ill.

Grace M. Bell, '04, is teaching at Port Huron, Mich., and resides at 1203 Scott Ave.

Alma Brown, '04, is teaching at Marshfield, Wis. Address, Box 74.

Grace E. Brown, '04, is teaching English in E. Aurora High School. Address, 76 N. Root St., Aurora, Ill.

Noyes L. Avery, '00-'02, received the degree of bachelor of arts from Leland Stanford University in 1905 and is now in the banking business at Grand Rapids, Mich. Address, 40 Jefferson Ave.

Minnie O. Hall, '04, of Elsie, Mich., is teaching in the high school at Aberdeen, So. Dak. Address, 502 E. 1st Ave.

Willis G. Stoner, '04, '06*l*, is practicing law in Chicago, Ill. Address, 3614 Prairie Ave.

Roy Andrus, '00-'01, *l*'02-'03, resides at Hastings, Mich.

Helen J. Spier, '04 (Mrs. John A. Bryant), is living at 290 E. Warren Ave., Detroit, Mich.

Gwenllian G. Wilson, '04 (Mrs. Carl L. Fichtel), may be addressed at Laurium, Mich.

Walter F. Kneip, '04*e*, may be addressed at 320 Delaware St., Syracuse, N. Y.

Ward Ellis, '04*m*, is practicing at Eaton Rapids, Mich.

Born on Tuesday, April 23, 1907, to Dr. and Mrs. Leland H. Tower at their home, 411 Marshall St., Battle Creek, Mich., a 9 pound daughter. Dr. Tower was a member of the '04*m* class.

Charles F. Jump, '04*m*, formerly at Toledo, Ohio, is now located at Bozeman, Mont.

George A. Seybold, '04*m*, is practicing at Jackson, Mich. Address, 216 S. Elm Ave.

George W. Barnes, *l*'00-'01, is general manager of the Barnes Oil Company, located at Muskogee, Okla.

Elbert V. Ingersoll, '04*l*, is attorney for an electric road, running from Bay City, Mich., to Port Huron.

Chas. E. Sandall, '04*l*, is the prosecuting attorney of York County, Neb.

Elbert B. Vandervort, '04*l*, is a member of the firm of Kagy & Vandervort, Salem, Ill.

Roscoe J. Barrett, '04*l*, may be addressed at 724 West 61st St., Chicago, Ill.

Frank Radigan, '04*l*, is in the office of the city attorney, Springfield, Ill.

Celsus M. Price, '04*l*, has changed his address from Twin Falls, Idaho, to Ely, Nev.

Andrew F. Allyn, '04*l*, is a member of the firm of Bacon & Allyn, Nasby Bldg., Toledo, Ohio.

Frederick Leckie, '04*l*, is with the firm of Goulder, Holding & Masten, a leading law and admiralty firm of the Great Lakes. Address, Rockefeller Bldg., Cleveland, O.

Daniel Stratton, '04*l*, is a member of the firm of Clay, Sheppard & Stratton, Neosho, Mo.

Two '04 laws may be found in the office of the prosecuting attorney of Wayne County. They are Herbert R. Bliss, stenographer, and Stewart Hanley, assistant prosecutor.

Robert K. Walton, '04*l*, and Franklin A. Wagner, '99-'01, '04*l*, are in partnership with John S. Parker, one of the best authorities on corporation law in New York City. Mr. Parker is at present corporation editor of the American Lawyer and assisted his former partner, James B. Dill, in writing his books.

Herman L. Becker, '04*p*, Ph.G. (Detroit), may be addressed at 710 Washington Arcade.

Born to George P. Winchell, '04*h*, and

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wife, a daughter, Paulina Winchell, March 19, 1907. Mrs. Winchell was Martha L. Norton, '98-'01. Congratulations will be received at Ionia, Mich.

'05

'05. G. William Barnum, Class Secretary, 170 Humboldt Blvd.
'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.
'05m. Lewis H. Hector, 706 First St., Allegheny, Pa., Secretary.
'05l. Frank C. Cole, 16 Gilmore St., Detroit, Mich., Secretary.

Maude E. Ferguson, '05, is teaching in Shawnee, Okla.

Lucia W. Pierce, '05 (Mrs. Ernest T. Manning), may be addressed at Prairie City, Ill.

Guy M. Johnson, '05, of Middleville, Mich., is director of Central Institute, Chicago, Ill., and is studying for the degree of M.D. Address, 3845 Ellis Ave., or 40 E. Randolph St., Chicago, Ill.

Andrew M. Fairlie, '01-02, is now engaged as chemist at Copperhill, Polk Co., Tenn.

William W. Watson, '05, is practicing law in the 2nd Natl. Bank Bldg., Youngstown, Ohio.

Carrie A. Barden, A.M. '05, is teaching in the normal school at Oshkosh, Wis.

Vernon C. David, '05, and Albert H. Montgomery, '05, who finished their medical work at Rush have received appointments as Internes at the Cook County Hospital, Chicago. These places are among the most desirable in America and are eagerly sought by recent graduates.

The '05 Engineering Class will hold a reunion this year, called by the secretary, on Alumni Day, June 19, the day before Commencement. See page 349.

Fred G. Wahl, '05*e*, and Mrs. Wahl (Mary M. McDonough, '05*p*.) are living on Pingree Ave., Detroit, Mich.

Dee J. Sterrett, '05*e*, formerly with the Detroit River Tunnel Co., is now draftsman with the Russel Wheel and Foundry Co., Detroit. Address, 579 Cass Ave.

Walter C. Reibling, '05*e*, formerly chemist with Barrett Mfg. Co., Chicago, has recently been appointed to a government position in Manila, P. I., and is now on his way to the islands.

James F. Smith, '05*e*, is with the Packard Automobile Co., Detroit, Mich.

Horace G. Merrick, '05*e*, formerly with the U. S. Lake Survey, is now draftsman with the American Bridge Co., Detroit, Mich.

E. Le Roy Gemmill, '05*e*, is now assistant to the estimator in the Structural Department of the Jones and Laughlin Steel Co. Address, 232 Jucunda St., Knoxville, Mt. Oliver Sta., Pittsburgh, Pa.

Katharine Raymond, '05*m*, may be addressed at 29 Fayette St., Boston, Mass., or Mill St., Dorchester, Mass., care of Dr. Newt.

Fred Ruby, '05*m*, is engaged in eye- ear, nose and throat practice at Union City, Indiana.

Hubbard N. Bradley, '05*m*, is in general practice at 301 N. Walnut St., Bay City, Mich.

George W. Green, '05*m*, is at Dowagiac, Mich., in general practice.

Otto C. Christmann, '05*m*, is practicing medicine in Seattle, Wash., his present address being 22nd and E. Union Sts. On July 1, he will remove to 410-411 Northern Bank and Trust Co. Bldg., Cor. 4th Ave. and Pike St.

Earl J. Thomas, '05*m*, is practicing medicine at Findley, Ohio.

Paul S. Miller, '03, '05*m*, is engaged in the practice of medicine at Grand Rapids, Mich.

Harris Woltmann, '05*m*, is in general practice at Mansfield, O.

Lucius A. Farnham, '05*m*, is practicing medicine at Calumet, Mich.

William R. Lyman, '03, '05*m*, is in general practice at Covington, Mass.

Daniel H. Eaton, '05*m*, is in general practice at Kalamazoo, Mich.

J. Ross Reed, '05*m*, has changed his address from the Carney Hospital, South Boston, Mass., to the New York Eye and Ear Infirmary, Second Ave. and 13th St., New York City.

Fred J. Conzelmann, '05*m*, has changed his address from Manhattan State Hospital, Ward's Island, N. Y., to Fort Ethan Allen, Vt.

Theresa Roche, '05*m*, may be addressed at 439 Lyell Ave., Rochester, N. Y.

George P. Edmunds, '05*l*, is instructor in the Military Academy at Orchard Lake, Mich.

Lee H. Pryor, *l*'01-'02, is prosecuting attorney of Barry County. He may be addressed at Hastigs, Mich.

Bernard P. Barasa, *l*'02-'04, is practicing law at 1612 Masonic Temple, Chicago, Ill.

'06

'06e. Edward J. Creighton, Canadian Bridge Co. Walkerville, Ontario, Secretary.

Katherine M. Griffith, '06, may be addressed at Ashton, Ill.

Clyde S. Paxton, '06, is teaching at Manistee, Mich.

Florence A. Green, '06, is teaching at Batavia, N. Y.

John E. Winter, '06, is teaching this year in Northwestern Classical Academy, Orange City, Iowa.

Thomas A. Martin, '03-'04, A.M. (Ohio Wesleyan) '98, is teaching mathematics in Ohio Northern University at Ada, O.

Catherine F. Walters, '06, is teaching

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Latin in Bradley Polytechnic Institute, Peoria, Ill.

Marie Volmari, '06, may be addressed at Oxford, Mich.

Huldah A. Haenig, '06, may be addressed at Ludington, Mich.

Ethel S. Erb, '06, of Brockton, N. Y., is teaching at Clymer, N. Y.

Esther Harmon, '06, holds a fellowship in European history from Bryn Mawr, which entitles her to a year's travel abroad.

Ames S. Albro, '02-'03, may be addressed in care of the East Pittsburgh Gas Works, East Pittsburgh, Pa.

Amy S. Lane, '03-'04, A.B. (Wellesley) '96, is teaching in Saginaw, Mich. Address, 407 Sheridan Ave.

George A. Barnes, '06, is editor of the Livingston Republican at Howell, Mich.

Raymond B. Silverman, '06*e*, is with the Utah Copper Co., Garfield, Utah.

Harold B. Culbertson, '06*e*, is draftsman in the employ of the Detroit Stoker and Foundry Co. Address, 255 Horton Ave., Detroit, Mich.

John B. Fisher, '06*e*, may be addressed at 414 Beach St., Flint, Mich.

Frank J. Parizek, '06*m*, may be addressed at Central Point, Ore.

Julius H. Powers, '06*m*, Ph.B. and A.M. (Iowa), is practicing medicine at Saginaw, W. S., Mich.

Charles C. Demmer, '06*m*, has begun his practice at Andover, N. Y.

Leigh C. Turner, '06*l*, has entered the practice of law at Syracuse, N. Y. His address is 209 Prospect Ave.

Carl Ultes, Jr., '06*l*, may be addressed at 370 Woodlawn Ave., Springfield, Ohio.

Oscar A. Knehaus, '06*l*, has been appointed Deputy United States Marshal for the eastern district of Missouri. Address, 326 Federal Bldg., St. Louis, Mo.

Milton V. Ward, '06*l*, is an attorney-at-law in the Paul Jones Bldg., Louisville, Ky.

George Philip, '06*l*, may be addressed at Fort Pierre, So. Dak.

William Mutschler, '06*l*, is a member of the firm of Koppes, Zook and Mutschler, furniture manufacturers, Nappanee, Ind.

Charles S. Stewart, '06*l*, may be addressed at 25 White Bldg., Port Huron, Mich.

Charles L. Dibble, '06*l*, A.B. (Cornell) '03, is practicing law at 1007 Tacoma Bldg., Chicago, Ill.

George Vanderwall, '06*l*, is on the editorial staff of the Lawyers' Coöperative Publishing Company, Rochester, N. Y.

Maxwell B. Allen, '06*l*, is with the law firm of Stuart & Sabin, Battle Creek, Mich.

Archibald D. Jones, '06*l*, has been superintendent of schools at Watervliet, Mich., since graduation and expects to remain there another year.

Frank D. Baker, Jr., '06*p*, is with his father, F. D. Baker, '80*m*, in the drug business at Flint, Mich.

Robert A. Holbrook, '06*p*. is employed in the Victor Chemical Works, Chicago Heights, Ill. He resides at 305 W. Van Buren St., Chicago.

Sylvester W. Hunter, *p*'04-'05, Phar.D. (N. Y. Coll. of Phar.), is engaged with the scientific department of Parke, Davis & Co. He resides at 233 MacDougall St., Detroit, Mich.

Neil Goodrich, '06*h*, is health officer of Ganges Township and is building up a practice at Glenn, Mich.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1868. William Francis Mitchell, '68*m*, to Frances Shull, March 12, 1907. Address, Lancaster, Mo.

1895. Jessie Opal Barber, '91-'92, to Howard Edgerley Osborne, at San Pasqual, Calif., Dec. 21, 1904. Address, San Fernando, Calif.

1902. Gaylord Harold Case, '02*l*, to Nellie Eshelman, at Ft. Wayne, Ind., March 31, 1907. Address, 220 Tonti Ave., South Bend, Ind.

1902. Allen Wynand Gardener, '02, to Barbara Wroughton Anderson, at Crookston, Minn., Feb. 5, 1907. Address, 107 Washington Ave., Crookston, Minn.

1903. Zora Mack Perkey, '03, to Frank Edwin Ellsworth, at Charlotte, Mich., Aug. 10, 1904. Address, Alma, Mich.

1904. Abel James Baker, '04*m*, to Jeannette Marie Baer, at Portage, Mich., April 17, 1907. Address, Grand Rapids, Mich.

1904. David Homer Clary, '04*e*, to Laura Mary Evans, at Ann Arbor, Aug. 28, 1906. Address, 1326 W. Jefferson St., Fort Wayne, Ind.

1905. Edwin Elroy Dibbs, '05*l*, to Genevieve Ranseer, at Pinnebog, Mich., March 2, 1907. Mr. Dibbs is a traveling salesman for Swift & Co., of Chicago.

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NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

GRADUATES

Literary Department

1857. Lorenzo Martel Gates, A.B., A.M., '60, d. at Lena, Ill., March 31, 1907, aged 77.

1870. Eugene Ketchum, B.S., d. at Waverly, Iowa, Nov. 16, 1906, aged 66.

1872. Samuel George Milner, A.B., A.M. '76, M.D. '87, d. in Detroit, Mich., May 2, 1907, aged 61. Buried in Forest Hill, Ann Arbor.

1892. Edward Crampton Nichols, LL.B. (Chicago Coll. of Law) '94, d. at Maywood, Ill., April 28, 1907, aged 37.

Engineering Department

1864. Charles Fitz Roy Bellows, C.E., A.M. '69, d. at Ypsilanti, Mich., April 16, 1907, aged 74.

1874. Henry Bean Jackson, C.E., d. at Joliet, Ill., May 6, 1904, aged 53.

Medical Department

1873. John Wesley Culley, A.B. (DePauw) '67, A.M. (*ibid.*) '70, d. at Salt Lake City, Utah, March 21, 1907, aged 67.

1878. Alfred George Mays, Ph.G. (Phila. Coll. of Phar.) '73, d. at Nevada City, Calif., March 3, 1907, aged 55.

1901. Herbert Smith Olney, d. at Fresno, Calif., April 15, 1907, aged 30.

Law Department

1872. George Gartner, d. at Detroit, Mich., April 25, 1907, aged 56.

1879. Eugene Eric Hickernell, d. at Erie, Pa., Aug. 30, 1904, aged 45.

1879. Clarence Lindley Jacobs, d. at Noblesville, Ind., April 15, 1897, aged 39. Buried at Peru, Ind.

1879. James Thompson Robison, d. at De Land, Fla., March 15, 1905, aged 47. Buried at Cleveland, Ohio.

1882. Joe Leonidas Elliott, d. at Middletown, Ind., Jan. 30, 1907, aged 53.

School of Pharmacy

1876. Joseph Henry Ames, d. at Clifton Springs, N. Y., April 28, 1907, aged 54. Buried at Detroit, Mich.

Dental College

1880. Alma W. E. Fuellgraff has been dead a number of years.

1890. Eli Louis Moore, d. near Pinckney, Mich., April 9, 1907, aged 44. Buried in Fairview, Ann Arbor.

NON-GRADUATES

Edith Loretta Allen, *a*'00-'01, d. at Dansville, N. Y., June 5, 1902, aged 30.

Grace Jeannette Barnes, *a*'00-'02, d. at Los Angeles, Calif., March 28, 1907, aged 24.

Arthur Elliott Boylan, *m*'62-'65, M.D. (Starling) '65, d. at Brighton, Mich., April 18, 1907, aged 72.

Orson Holloway Brooke, *l*'82-'83, A.B. (De Pauw) '79, A.M. (*ibid*) '82, d. in Chicago, Ill., April 24, 1901, aged 41. Buried at Valparaiso, Ind.

Francis Edmunds Corbin, *m*'67-'69, M.D. (Detroit) '70, d. at Los Angeles, Calif., April 15, 1907, aged 59.

Thomas Richard Davidson, *e*'04-'07, d. at Grand Rapids, Mich., April 26, 1907, aged 22. Buried at Lowell, Mich.

John Albert Ellis, *l*'92-'94, d. at Ann Arbor, April 4, 1905, aged 30.

Henry Perkins Evarts, *m*'69-'70, M.D. (Cin. Ecl. Inst.) '71, d. at Grand Rapids, Mich., March 31, 1907, aged 61.

Robert Farries, *m*'64-'65, M.D. (Long Island) '65, d. in New York City, March 31, 1907, aged 72.

Fred Fulda, *p*'83-'84, d. in Detroit, Mich., July 16, 1889, aged 27.

Edwin Gaylord, *m*'54-'55, M.D. (Nashville) '58, M.D. (Rush) '86, d. at Pontiac, Ill., April 16, 1907, aged 73.

George Eliot Getz, *a*'95-'96, *l*'99-'00, d. at Marquette, Mich., March 16, 1900, aged 22. Buried at Chicago, Ill.

Arthur Kingsley Graves, *l*'04-'07, d. in Detroit, Mich., April 5, 1907, aged 22.

Addison Wilson Guernsey, *m*'52-'53, d. at Almond, Wis., March 3, 1907, aged 78.

Anselm Burdett Holcomb, *m*'68-'69, d. at Norwich, N. Y., July 30, 1905, aged 65. Buried at Greene, N. Y.

Joel Chandler Hopkins, *a*'80-'81, *l*'82-'83, d. at Battle Creek, Mich., April 28, 1907, aged 53.

Harry Lee Powers, *a*'00-'01, *l*'01-'02, d. at Pasadena, Calif., May 15, 1905, aged 28. Buried at Cleveland, Ohio.

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Thomas Morgan Rogers, *m*'56-'57, M.D. (Ohio) '63, d. at Anna, Ill., July 18, 1902, aged 71. Buried at Fairfield, Ill.

Francis Edmund Watts, *h*'81-'82, Ph.B. (Alfred Univ.) '80, M.D. (Chicago Hahn.) '83, d. at Olean, N. Y., March 27, 1907, aged 47.

Frank Erwin Webb, *m*'80-'81, M.D. (Nashville) '82, d. at Clarkston, Wash., 1902, aged 45. Buried at Pullman, Wash.

OBITUARIES

CHARLES FITZROY BELLOWS

Charles FitzRoy Bellows, Professor of Mathematics in the State Normal School at Ypsilanti, was born at Charleston, N. H., Oct. 22, 1832. After his graduation from Olivet College and a period of school teaching in various parts of the state, he entered the University in the fall of '63 as a senior and was graduated in June, 1864. The next three years were spent in establishing the graded schools at Decatur, after which he was elected Superintendent of Schools for Van Buren County in 1867. In the fall of the same year he was made Professor of Mathematics in the State Normal at Ypsilanti, where he remained for twenty-four years. In 1892 he established the Central Michigan Normal at Mt. Pleasant, and after overcoming many difficulties the institution was accepted by the state in 1895, and he was elected its first principal. Five years ago he returned to Ypsilanti and his old position. Professor Bellows was a prominent Mason and was elected Master of the order of Michigan in 1883. He died at his home in Ypsilanti, April 16, 1907. His wife, one son, and one daughter survive him.

GEORGE GARTNER

George Gartner was born in Grosse Pointe Township in 1850. Although his early education was limited, he was able to enter the Normal School in Ypsilanti at the age of seventeen, and when he was twenty years old he entered the University Law School, where he studied for two terms. He was admitted to the bar in 1872. He then went to Detroit and for thirteen years he practiced law there. In 1885 he was made First Assistant Prosecuting Attorney, from which position he resigned in 1880 to serve as Circuit Judge, which position he held until 1893. Judge Gartner also served four years on the Board of Education and was its president in 1885. He was a member of the Knights Templar and other benevolent organizations and the Wayne County Bar Association. His death, which occurred April 25, 1907, was directly due to a stroke of apoplexy, although he had been suffering from a complication of diseases since last August. He is survived by a widow and son and a brother and sister.

LORENZO MARTEL GATES

Lorenzo Martel Gates was born in Honeoye Falls, Monroe County, N. Y., Nov. 29, 1829. At the age of seven he removed with his family to Missouri, but upon the death of his father he returned to New York, where he received his early education at the Wesleyan Seminary at Lima, N. Y. He then came West and entered the University from which he was graduated in 1857. He then fitted himself for the ministry at Union Theological Seminary, from which he was graduated in 1860, receiving his Master's degree from Michigan. In September of the same year he was ordained to the ministry of the Presbyterian church, taking up his first charge at Hillsdale, N. Y. Pastorates followed at Columbus, Wis., Roscoe, Ill., Lena, Ill., Ottawa, Elgin, and New Albany. In 1882 he returned to Lena, where after preaching for several years he retired from active service. He died Easter morning, March 31, 1907. He was married twice. His first wife was Eliza Collin of Brooklyn, and his second wife Martha Ann Lewis of Lodi, Wis. No children survive the first union. His second wife and two sons survive him. He served the presbytery as clerk and moderator and attended the meeting of the Presbyterian General Assembly held in Philadelphia in 1870.

EUGENE KETCHUM

Eugene Ketchum was born at Pulaski, Hancock County, Ill., Apr. 13, 1840. At the age of seventeen he lost his sight and entered the Iowa College for the Blind at Iowa City, where he completed the prescribed course of study. He was graduated in June, 1864, but on July 6 of the same year, following an operation, his sight was restored. In the fall of '65 he entered Northwestern University as a sophomore. The following year he took charge of the Union school at Negaunee, where he remained for two years. He then entered the University of Michigan as a Junior and was graduated with the class of 1870. He then became principal of the public schools at Cassopolis, Mich., and the following year at Vinton, Iowa, where he taught two years. In 1873 he forsook the profession of teaching and entered the

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ministry of the Methodist Episcopal church and commenced his work at Big Grove, Benton County, Iowa. The following years until 1896 were spent in a great number of charges in various places in Iowa, until he went to Elwood in Clinton County, in the fall of '96, his last charge. In October, 1898, he ceased his work and removed with his family to Epworth, and then to Waverly, Iowa, where he died Nov. 16, 1906. He was married in 1871 to Emma E. Jones, of which union seven children were born. His wife survives him.

HERBERT SMITH OLNEY

Herbert Smith Olney was born in Peoria, Ill., in 1877. In 1889 he moved with his family to California and was graduated there from the Fresno High School in 1894. The following year was spent in the College of Natural Science in the University of California. He then entered the University at Ann Arbor and was graduated from the Medical Department in 1901. The following year was spent as interne, and later as head of the pathology department, in the hospital of the Colorado Fuel and Iron Company, at Pueblo, Colo. In 1903 he removed to Detroit, where he became associate in the practice of medicine with Dr. Mott Ballin. Having been called to California by the death of his mother, just after he had undergone an operation for appendicitis, tuberculosis developed. He went to Colorado and Silver City, N. Mex.. in search of health but later returned to his home at Frenso, where he died Apr. 15, 1907. He is survived by a father, two sisters, and two brothers.

THE SECRETARY'S REPORT

To the Board of Directors of the Alumni Association of the University of Michigan I beg to submit the following report from March 3, 1907, to April 27, 1907:

Receipts

Annual memberships	$	713 10
Endowment memberships (usable)		125 10
Endowment memberships (permanent)		342 00
Advertising (cash)		235 90
Advertising (trade)		67 55
Sale of ALUMNUS		50
News-Letter subscriptions		1 00
Engraving Account		1 00
Stenographer's account		2 10
General printing account (sale of songs)		25
Interest		31 13
University of Michigan		
Advertising		150 00
Catalogue revision		125 00
News-Letter editing		100 00
News-Letter printing		100 00
Received from note renewed		500 00
		2494 73
Cash on hand April 27	$	17671 31
		$20165 94

Expenditures

Per vouchers 966 to 991.

ALUMNUS printing	$	1500 00
ALUMNUS help		152 50
ALUMNUS advertising manager		150 00
ALUMNUS postage (second-class)		69 43
Advertising account		1 99
Catalogue revision		54 91
Engravings		15 98
Fixtures		1 34
Incidentals		6 60
Interest		34 17
News-Letter postage		1 20
Stenographers		84 00
Postage, general		36 45
Traveling expense		100 07
Subscription account		13 30
Special accounts		2 10
Interest on bonds purchased		25 60
		2249 64
Endowment fund, cash		383 59
Endowment fund, bonds		17500 00
Cash on hand		32 71
		$20165 94

It will be seen from this report that $2,500 more of the endowment fund has been invested in bonds. The Alumni Association now has an endowment fund of $17,500, invested in the first mortgage bonds on the property of the Beta Theta Pi, Delta U, Phi Delta Theta, and the Nu Sigma Nu Fraternities.

The Association has also been compelled to renew the note made a year ago, that was taken up last summer. We now have an indebtedness of $1,500, which we hope to reduce by $500 this summer.

Respectfully submitted,
WILFRED B. SHAW,
Secretary.

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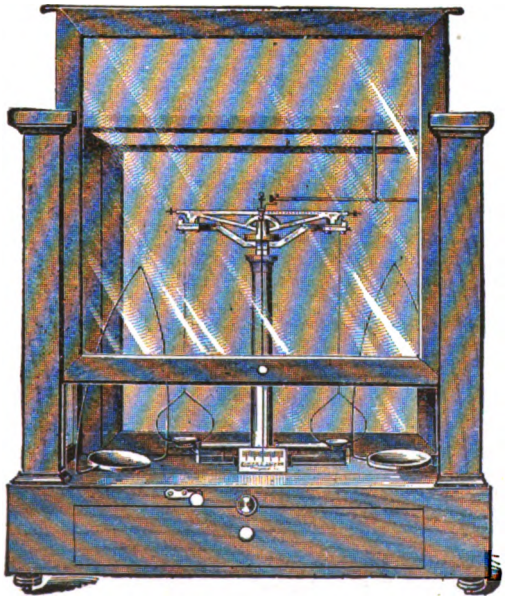

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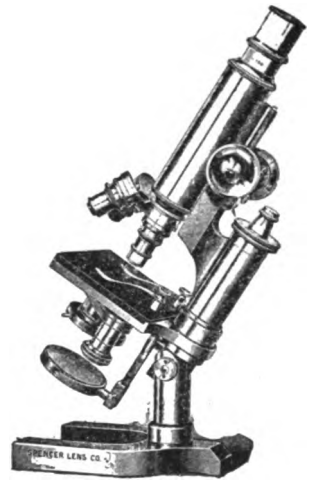

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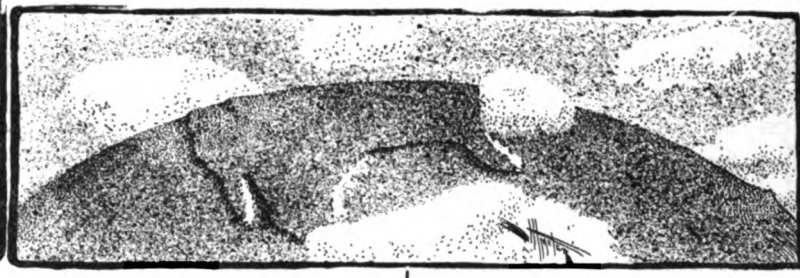

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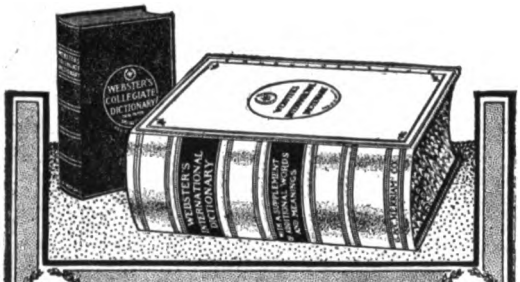

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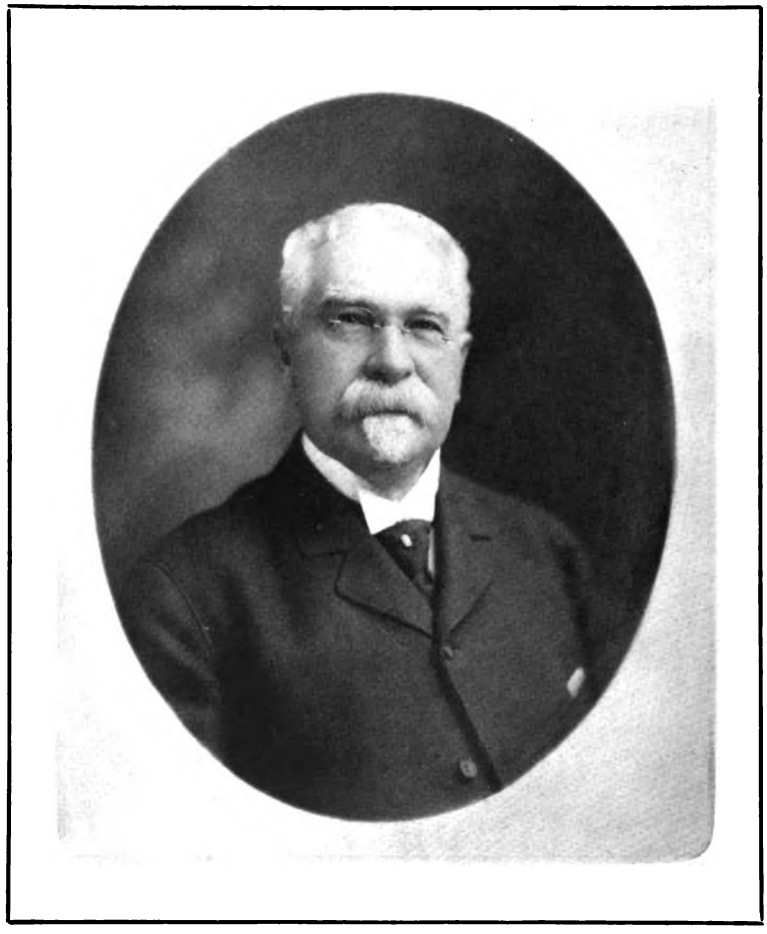

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THE MICHIGAN ALUMNUS

VOL. XIII JUNE, 1907 No. 125

EVENT AND COMMENT

COMMENCEMENT FESTIVITIES

Commencement Week, 1907, will occur June 16-20. The exercises begin on the evening of Sunday, June 16, when President Angell will deliver the Baccalaureate discourse to the graduating students of all departments in University Hall. The following day the class day exercises in the Law Department will be held at 2 o'clock, and at 2:30 the senior girls will present Mrs. Mackaye's dramatization of "Pride and Prejudice" in Sarah Caswell Angell Hall. The Law class day exercises will be given in University Hall at 2 p. m. as follows: Address by the Class President, Roy Le Black, Topeka, Ind. History by Claude Chesterfield Fogle, A.B., Lancaster, Mo. Poem by Lloyd Franklin Gates, Garrett, Ind. Prophecy by Merrick Knight Edwards, A.B., Adrian, Mich. Oration by Hugo Sonnenschein, A.B., Chicago, Ill. Presentation of Class memorial by Floyd Anthony Deahl, Goshen, Ind. Acceptance on behalf of the Department by Dean Hutchins. Acceptance on behalf of the University, by Regent Barbour. Valedictory by Hugh T. Martin, A.B., Monmouth, Ill. At 8 p. m. occurs the annual Senior Promenade on the Campus. ¶ Tuesday, June 18, the Board of Regents meet at 10 o'clock. At the same hour occur the class day exercises of the Department of Literature, Science, and the Arts under Tappan Oak. This will include an address by the Class President, Robert Henry Clancy, Detroit, Mich.; History by Sadie Mary Smart, Hancock, Mich.; Poem by Ruth Rizer, Washington, D. C.; Prophecy by Hazel Gustene Hill, Decatur, Mich.; Oration by John James Danhof, Jr., Grand Haven, Mich. At 2 o'clock the Homœopathic Medical Department will hold its class day banquet at Whitmore Lake, and at 3 o'clock the Ben Greet Woodland Players will give open air performances of Shakespeare's Comedies on the Campus: at 3 p. m., Comedy of Errors, and at 8 p. m., Merry Wives of Windsor. At 8:30 will be held the Senior Reception of all classes in Waterman Gymnasium. ¶ Wednesday, June 19, is Alumni Day. The reunions of the various classes will be held as given elsewhere in this number. At 10 o'clock the Department of Engineering will hold class day exercises in the court of the Engineering Building. They will be addressed first by Dean Cooley, followed by an Essay by Donald Theodore Hastings, Detroit, Mich.; History by George Stanley Porter, Jackson, Mich.; Address by the Class President, James William Parry, Ann Arbor. From 10 to 12 also the Alumni Association, and the Association of Collegiate Alumnae will hold annual open house in Barbour Gymnasium as an informal meeting place for the alumni and for the classes of '07.

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Refreshments will be served. At 2 p. m. will be held the annual meeting of the General Alumni Association in University Hall. At 8 p. m. will occur the Senate Reception at which the President and the Senate of the University will meet invited guests, graduates, former students, and friends of the University. ¶ Thursday, June 20, the sixty-third annual Commencement will be held in University Hall. Alumni are requested to meet in Room C, University Hall, by 9:30 in order to form in line for the procession. Their seats in the hall will then be reserved for the Commencement exercises which will occur at 10 a. m. The oration will be given by Ira Remsen, LL.D., President of Johns Hopkins University. At 1:15 the Commencement Dinner will be held in Waterman Gymnasium, and at 3 p. m. Dr. and Mrs. Hinsdale will give an informal reception to the Faculty, graduating class, and friends of the Homœopathic Department.

THE CLASS REUNIONS

Alumni Day, June 19, from all indications, promises to break previous records. The General Secretary of the Association had received word June 1st from sixteen classes, that intend to hold reunions, a larger number than has ever met before. Every day or so brings word of some class that is proposing to meet once more in the old class rooms, and it is possible that there may still be one or two more that even at this late date may hold modest reunions. ¶ The earliest class which plans to return is the class of '64 of the Medical Department, for whose meeting Dr. Elmore C. Palmer, of Buffalo, has been working enthusiastically for a long time. In the Literary Department the first class will be that of '67. '62, which would ordinarily meet this year, for some reason or other has shown no interest, and of '57, which would hold its fiftieth anniversary, there are but few surviving members. All the classes following '67, ending in 2 or 7 will also meet, with the exception of '92 which has postponed its regular reunion this year in order to participate in a huge joint reunion next year with '93 and '94. Of the Medical classes, in addition to '64, '77, '82 possibly, '87, and '92 will meet, and of the Law classes, '77, '82, '92, '97, and '02 are planning to return. The '06 engineers, an especially enthusiastic class, are also planning their first reunion this year. ¶ Further details, including the class secretaries and the rooms assigned, were given in the May ALUMNUS, page 349. The headquarters of all alumni will be, of course, the Alumni Room in University Hall, especially fitted up for alumni, including a reading room with comfortable chairs and the offices of the General Secretary. Placards will be posted on the bulletin boards of the various buildings giving the extra details and the headquarters assigned to the various classes. It is with great regret that the Association announces its inability to obtain other rates than that of a fare and a third in the lower Peninsula of Michigan. The new railroad rate bills in Indiana and Ohio led the Central Passenger Association to refuse to make any further reduced rates. Alumni who come from Michigan, however, should be sure to insist upon the proper certificate when purchasing the ticket. This certificate should be left in the office of the Alumni Association the first thing, where it will be validated by the agent of the railroad company. Upon its presentation, properly validated, a fare of one third will be granted for return. Those who are outside of Michigan might possibly buy tickets to the state line, and then take advantage of the special rates.

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THE SUMMER SESSION

Since the first summer session of the University, which was held in 1894, the total enrollment has increased from 91, for that year, to 1,034 for the session of 1906, and from all indications the number will probably be larger this coming summer. This growth has been fairly regular from year to year and has more than kept pace with the general growth of the University during the same period. The summer session, however, cannot be held responsible for the large increase in the general enrollment of the University, as is the case at many other universities, since only 464 out of the 1,034 students registered in 1906 were new students. ¶ The first summer courses were offered in the Literary Department only, but since 1896 they have been offered in the Law Department, since 1901 in the Medical Department, and since 1905 the courses offered in the Engineering Department have been included in the regular Summer School of the University. The figures for the thirteen sessions are as follows:

Year	Total	Lit.	Eng.	Law	Medic.	Net
1894	91	91	...	...	...	46
1895	187	187	...	...	...	97
1896	224	199	...	25	...	97
1897	225	185	...	40	...	109
1898	235	204	...	31	...	133
1899	263	218	...	45	...	138
1900	404	351	...	53	...	230
1901	416	302	...	55	59	201
1902	463	349	...	44	70	263
1903	524	382	...	74	68	298
1904	551	398	...	88	65	304
1905	813	512	124	103	74	391
1906	1034	557	241	142	94	464

¶ The growth indicated by these statistics is very suggestive. The students who comprise the main attendance at the Summer School may be divided into several fairly defined classes. In the Literary Department there are a few who remain during the Summer Session to make up work in which they have fallen behind during the regular session. The main portion of the students, however, as set forth in the Summer Session announcement, are officers and teachers in high schools and colleges pursuing special studies, or working for advanced degrees, candidates for state certificates as teachers, and persons preparing for special or technical examinations, graduates from commercial schools who seek a degree from the University, and graduate students who are making special investigations. There are also a large number of preparatory students who are reviewing various branches before entering upon regular college work. The students in the Medical and Law Departments are mainly comprised of three classes, professional practitioners who wish to devote themselves to some special line of work or familiarize themselves with recent literature and methods, students who for any reason wish to make up arrearages or do special work, and teachers who expect ultimately to enter either one of these professions. In the Department of Engineering, in addition to students who are pursuing special courses, at least one summer term is required for the regular degree. ¶ One of the significant facts in connection with the school is the growth of graduate students taking advantage of the special facilities offered. During the summer of 1906, of the 557 students enrolled in the Literary Department, 140 held Bachelor's degrees from Michigan and various other institutions, forming a very perceptible advance over the figures of the previous year. The South is sending more students every year to the Summer Session, as the advantages of Michigan's summer climate become more generally known. The course of weekly lectures which has been established, and the facilities for week-end excursions to various resorts, as well as those made in connection with the work in botany, zoology, and geology, offer

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special attractions to students from a distance. As heretofore, the Dean of the Summer Session is Professor John O. Reed of the Department of Physics, and the Secretary, John R. Effinger of the Department of French. The Faculty will number 107, almost all of whom are members of the regular staff of the University.

GRADUATE FELLOWSHIPS

The question of fellowships and scholarships varies widely at different universities. For instance, our attitude at Michigan on this question and that of Harvard are almost diametrically opposite. Harvard has been most fortunate, so fortunate in fact that the administration is inclined to believe that they have more fellowships and scholarships than they know what to do with, when the best interests of the beneficiaries are considered. President Eliot's attitude on this question is well known. He believes that the free fellowship tends to be a disadvantage, rather than an aid, and suggests as a remedy that all of these be regarded as loans to be repaid in time. Michigan, however, is in no danger for some time from what we cannot help but consider is after all a rather fortunate state of affairs. ¶ Harvard's problem is not for us yet. In proportion to the size and importance of the University, Michigan has altogether too few fellowships and those, being unendowed, are too uncertain. Most of our rival universities in the West surpass us in the number of fellowships offered. The Regents of the University of Wisconsin have recently made available from state funds fourteen new fellowships at $400 and have justified their action by requiring from the holders of these fellowships at least an hour's work a day for the university, such as instructing, quizzing, or two hours in charge of laboratory sections. This plan of teaching fellowships has been very successful, and similar schemes have also been worked out at Ohio and Iowa. Ohio offers seventeen fellowships for graduate students valued at $225 or $300 each. In most cases the incumbent is working toward his Master's degree, for which, under this system, two years time is required. At Iowa there are thirty-three fellowships and scholarships at $225 and $125 respecticely with the exemption in each case from all university fees. The services required are similar. Although this system has not been officially inaugurated at Michigan, still in practice it has been worked out to some extent, inasmuch as the Graduate School enrollment includes thirty-six instructors and assistants (fifteen instructors and twenty-one assistants). The assistants in this case, however, would correspond more closely to the fellows in the other universities; although the amount of time required and remuneration varies to some considerable extent. There seems to be no practical reason why these should not be made actual fellowships and offered as such.

OUR NEED OF FELLOWSHIPS

Michigan is more fortunate in her ordinary fellowships, however, than are most of her Western rivals. The calendar of the University gives a list of twelve graduate fellowships and a large number of scholarships, exclusively for undergraduates which are granted each year in addition to those which are practically "teaching fellowships." At the University of Chicago, however, many more fellowships are offered than at Michigan, and her Graduate School is noted. The greatest defect probably in our present sys-

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tem of fellowships at Michigan is its utter uncertainty due to a lack of permanent endowments. Almost all our funds are temporary and the authorities of the Graduate School are unable to announce, sometimes until almost the last moment, what funds will be available for the ensuing year. Many letters of inquiry are received by the officers of the Graduate School concerning the character and amount of the fellowships offered, and too often the reply has been that there are no more fellowships in the subject mentioned, or that the University is unable to state the amount available. One instance out of many may be cited where one of the University's brightest students in philosophy desired to take up graduate work but was unable to do so unless he could obtain a fellowship. As none was available at that time, however, the Faculty was forced to recommend the student to attend another college; he took the advice and made an excellent record elsewhere. This case was one of many. ¶ Professor Lloyd, who is a member of the committee on fellowships and is greatly interested in the subject, has intimated that definite plans are under way toward meeting this situation both as regards the small number and the uncertain income. No definite outline of the policy of the committee can be given now, but it is hoped that in a short time we can improve upon conditions at Michigan in this respect. While an unlimited amount of fellowships doubtless does harm to the *morale* of a Graduate School, we certainly should have enough to keep the best students from the undergraduate body at the University for advanced work. In addition such a foundation would help, as nothing else, to establish our Graduate School on a stronger and firmer footing—something in itself very much to be desired.

FIRE PROTECTION IN UNIVERSITY HALL

There are several times in the course of the year when University Hall is crowded far beyond the proper limits of its capacity. This overcrowding is perhaps most noticeable at the annual May Festival. The recent action of the Regents in providing for new stairways, as well as conspicuously posted placards giving notice that the *aisles should be kept clear,* shows that they are alive to the danger. But at the recent May Festival season, these placards posted at the head of each aisle were in every case disregarded. *They were not kept clear.* Every possible passageway was full, with the exception of a very small space, barely wide enough to admit of a single person; in some cases two persons sat in the aisle, side by side. ¶ Needless to say, more effective steps should be taken to prevent such over-crowding in the future. The possibilities of a catastrophe in this hall are so clear to anyone that we feel that the University can afford to insure itself at a comparatively small cost. ¶ At the April meeting of the Board of Regents steps were taken toward increasing the number of exits two outside doors at the ends of the lower hall and by adding two more flights of stairs leading from the second floor directly to the ground. This is an improvement that will materially facilitate egress from the gallery, and prevent the fearful congestion about the stairways and hall on the second floor, when the crowd from the gallery joins that from the main floor. But no provision so far has been made as regards the side exits from the gallery down to the main floor. Here the to University Hall by widening the passage from the end of the stairway to the outside window is extremely narrow and wholly inadequate as an exit for the crowd from the lower floor alone. When the mass of people

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from the gallery is added, the possibilities of congestion and panic are unlimited. It would be very simple to add two more outside stairways at each side, similar to the others, and leading down from the window directly at the end of this stairway from the gallery. There would then be no necessity for the crowd from the gallery increasing the invariable jam from the lower floor at this place. ¶ It also seems to THE ALUMNUS that more aisles should be provided, especially downstairs, where one row is sometimes twenty-five and even thirty seats long. This could be done with comparative ease by letting two short aisles down in the dense block of seats on each side of the central aisles and providing due passageways to the doors. The danger in University Hall is far greater from a panic and the unreasoning terror that comes over a crowd at such a time, than from a fire. There is no stage with inflammable scenery and the hall is lighted by electricity, so that there is less danger of fire perhaps than in most large halls of the country. Ann Arbor's totally inadequate fire protection, however, makes it all the more necessary for careful preparations for any possible emergency.

NEXT YEAR'S CLUB HOUSE

Now that the Michigan Union has purchased the property of the late Judge Cooley with the intention of building ultimately a great club house upon this site, definite preparations are under way to make as serviceable as possible for the immediate necessities of the Union the old home at present upon the property. The wisdom of this step is very apparent. The Union, in spite of its very real services, especially in centralizing to some degree the interests of the student body, is, nevertheless, in the mind of the average student a thing on paper, something of great future promise but of comparatively little performance. How far this opinion is from any actual justification is best known to the officers of the Union who have been sponsors for its many activities, and who have expended a great amount of time and energy in the cause. But the fact remains that the Union, its real purpose, and its real ideals, so far, has been rather intangible. This must almost of necessity be so until the promised headquarters is established. ¶ This as now planned will be next fall, at the opening of the University, when the old home of Judge Cooley will be thrown open to the members of the Union as their first official club house. The Union comes into possession of the property in July, and plans to enter immediately upon a series of alterations that will adapt the house more perfectly to its new uses. The lower floor will be thrown open as much as possible into one room. With the exception of one large parlor at the side, which will doubtless be used for a reading and game room, the whole lower floor will be divided into two large rooms, one with easy chairs, a fireplace, and a piano, serving as a general headquarters with a multitude of uses, and the other a dining room, which will be made as large as possible, in the belief that it will answer a very positive need. The plans for these alterations are under the charge of Professor Lorch of the Department of Architecture and a committee from the directors of the Union. The alterations on the second floor will be less extensive. The various rooms will serve different purposes: several will be fitted up as convenient meeting places for various college organizations, and the officers and directors of the Union will reserve one as the official headquarters of that organization. ¶ While as planned this building will serve admirably for a temporary center for the interests with which the Union

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has identified itself, it will be far from filling the ideal of those who have had the "Union idea" most at heart. It will furnish, however, a concrete inspiration, which will bring nearer the greater club house of the future.

THE 1907 MICHIGANENSIAN

Earlier than heretofore, although even then not according to the hopes of its editors, the 1907 Michiganensian appeared May 15. It proved to be a very creditable volume. Not differing essentially from many that have preceded it, yet profiting in many places perceptibly by the experience of former editors, if anything it is more conservative and business-like, and is less conspicuous for innovations, which add to the cost of such a book, but not necessarily to its attractiveness. ¶ It must be acknowledged, however, that the general standard of its drawings and its humorous section is not quite as high as last year. As must always be the case, we begin to think, the careful critic can pick flaws in typography, and that feature of all books known technically as "make-up," but it does not behoove the critic to forget the beams in his own eye. The book is very neatly bound in plain blue cloth, or in green leather, simply lettered in gold. ¶ As usual, pictures of all the seniors in the different classes are given, as well as pictures of all athletic and debating teams, society officers and clubs. Lists of the members of the various class societies are also included, as well as the usual fraternity lists, which are illustrated by pictures of the fraternity houses. The book is prefaced by a short history of the University and sketches of the late Professors Herdman and Russell. Preceding the lists of seniors in each department is a class history. Robert H. Clancy, '07, contributes an article on the football season, while Charles Baird, Graduate Director of Athletics, gives a brief history of Ferry Field, the University's beautiful new playground. Reviews of the baseball and track seasons are also given. Among the other significant articles are "What the Michigan Union Is Doing," by Frank P. Helsell, the President of the Union; "The Value of Inter-class Athletics," by Lloyd T. Crane, inter-class baseball manager; "The Year in Oratory and Debate," by Professor Thomas C. Trueblood; "The State Club, Its Significance in History," by F. L. Warner, President of the New York State Club. An account of the dedication of the Palmer Ward is also included. The book is concluded with a few pages in which the "grave old senior" is permitted "to think o' lighter things."

AN AMERICAN BAYREUTH

The recent May Festival bore unusual fruits. In its general features it was similar to the thirteen which have preceded it. Two choral concerts and three orchestral concerts with assisting soloists made up the programs. There was the usual brilliance and an audience which set a new record in attendance. No festival was more successful from the point of view of listener or performers and certainly no festival has presented programs of more interest and merit. But beyond the mere creditable performance, the festival gained results which set it quite apart from the others of its kind—the attention and consideration given it by the best musical critics. The significance of this widened recognition lies in the encouragement which it gives the management and the effort for the future which it stimulates. An appreciation of the vast amount of detail connected with a festival is to be gained only by intimate acquaintance with the numberless factors which a

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completed festival represents. The engagement of the artists, the training of the chorus, the arrangement of finances—these things are certainly not insignificant matters. But the work is not done; music is the thing, and that frequently fails when everything else is ready. High salaries, famous names, and great crowds too often stand for the merest husk and shell of music. But if we may believe our highest critics there was reached in this festival the supreme end for which the whole labor had been expended—genuine music.

Through the kindness of Professor Stanley a letter is here published which he received from Madam Ernestine Schumann-Heink shortly after her appearance here. Besides the commendation of the festival, it is of fascinating interest as showing something of the personality of the most wholesome and superb prima donna that has appeared in Ann Arbor.

"Mein lieber hochverehrter Professor!

"Wie ein schöner Traum ist die Erinnerung an den herrlichen Festival Tag in Ann Arbor! Gebe Gott Ihnen, dem idealen, herrlichen Künstler ein langes Leben und vollste Frische zum Wohle des Amerika Bayreuth—'Ann Arbor'—möge es wachsen, blühen u. gedeihen für u. für.

"Grüssen Sie mich alle lieben Menschen dort, und lassen sie mich wissen das Ihnen und ihnen unsere, geistige, seelische Zusammengehörigkeit lieb ist.

"In treuer Verehrung u. mit besten Grüssen, Ihre,

SCHUMANN-HEINK."

The Bayreuth of America! That is the phrase which arrests attention. Coming from such a source it must have decided meaning. The struggle of art with the material instincts of the time is a loosing one for art in the majority of the great cities. Great orchestras, fine halls, and brilliant patronage have not yet given any American city decided reputation for artistic accomplishments. Conried with his keen business sense, who realized that he must sell Bayreuth atmosphere by the cubic yard with every Parsifal seat, only completed the farce of attempting to measure music by box office receipts. The Bayreuth of America, if found anywhere, will not be found in the great cities where the music must vie with the vaudeville and the hippodrome in paying profits. Nor will it be built with the desire for personal aggrandizement nor by the mercenary service of the impressario. Where there are souls, unselfish and capable, working for music for its own sake, without consideration of personal loss or gain, where music can be indeed "the thing," there will be the Bayreuth of America. And such a place is—why not Ann Arbor?

That such a speculation is not idle is understood when the present condition of musical affairs is considered and the difficulties under which this condition has been realized are taken into account. Attend to the brief record of the past festival which may be taken as a culmination of the efforts of the Musical Society. The "Messiah" and "Samson and Delilah" were sung. The more important orchestral works presented were Beethoven's seventh symphony, Schumann's "Genoveva" overture, and numerous selections from moderns, Elgar, Strauss, Debussey, and others. Schumann-Heink, Campanari, Witherspoon, Van Yorx, Janet Spencer, Rider-Kelsey, Edward Johnson, William Howland, Albert Lockwood, and Leopold Kramer were the artists. The Thomas Orchestra was present for the entire festival.

With so much already accomplished it seems not idle to plan and labor for the time when Ann Arbor may become wholly worthy of comparison with the shrine at the scene of Richard Wagner's labors and the prophecy of Madam Schumann-Heink come true. There are difficulties yet—an auditorium to be provided being the principle

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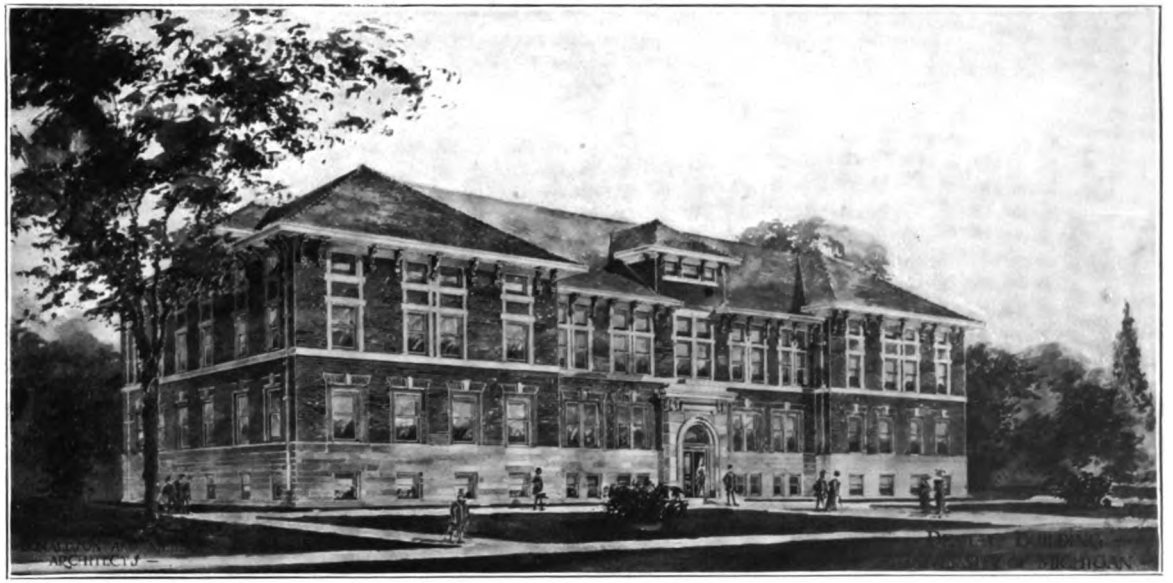

THE NEW DENTAL BUILDING—FROM THE ARCHITECT'S DRAWING

DONALDSON AND MEIER, DETROIT, ARCHITECTS

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one. But since the hand which has directed every detail to its present success has held the baton, and has labored continually, in season and out, for the musical interests of Ann Arbor, the hand of the "idealen, herrlichen Künstler," Professor Stanley, is still directing and leading, and since the footsteps of many hundreds are already turning to Ann Arbor at its annual festival, there is reason to speak it solemnly and sincerely, that phrase: the Bayreuth of America—Ann Arbor. R. D. W.

THE NEW DENTAL BUILDING

After migrating for thirty-two years over the Campus, and occupying successively three old buildings, the Dental Department is at last to have a permanent home in a completely equipped building, which has been designed to meet the demands of modern dental education. The plans call for a building 168 feet long by 82 feet wide, having two stories and a basement. It is the purpose of the Regents to make the building fireproof, and all the construction will be modern and of the best type. The building will be heated with steam by an excellent system of fan heating and ventilation, designed especially for the building by the Engineering Faculty. The site of the building will probably be on the Campus near to Barbour Gymnasium, although its exact location has not as yet been decided upon. The material will be of a dark red brick with cut stone foundation extending to the sill of the first story windows. The roof will be of flat red tile. The building is designed by Donaldson and Meier, of Detroit, and when completed, will be one of the best on the Campus.

Because of the fact that the science subjects are all given in the Chemical Laboratories and the New Medical Building, it has not been necessary to provide for such work in the new Dental Building; this enables the grouping of the technical and clinical work on the two floors in such a way as to make the imparting of instruction much more thorough and systematic.

In the basement there will be a large locker room for the men students, 44 by 60 feet, which will serve also as a rest or recreation room. On this floor is a large sized laboratory for the practical study of dental metallurgy, which includes the making of all kinds of dental alloys of metal used for dental purposes. There is also a tool room for the construction of apparatus, janitor's room and storage.

On the first floor are located, at the right of the entrance, which is in the middle of the building, the Secretary's office and Faculty room. Just beyond this Faculty room is a room especially designed for the women students, containing lockers for wraps and facilities for resting or study. Next beyond this is a large room 44 feet square which will contain the museum and tables for reading and study. Opening into this room is a fireproof book vault, with a capacity for 3,000 books, having a basement vault of the same capacity for the storing of books not often called for. To the left of the front door and entrance are located the scientific laboratories and the Dean's office. There are eight rooms in this suite, and they are planned to take care of the work that the new Dean, Professor W. D. Miller, will have charge of. It is the intention of the Faculty that Professor Miller shall not only carry on personal scientific researches on dental topics, but that he shall supervise and have under his control all the scientific work done by the instructors and post-graduate students. It is hoped that this new department will quickly demonstrate its right to be, and to Michigan will be given the credit of establishing the first normal training school for dental instructors. These laboratories will

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also serve to enable men who are now trying to solve scientifically the many mysteries of dental practice, without the help of either apparatus, books, or experienced workers to guide them, to accomplish results that can be credited scientifically. With such a man as Dr. Miller and the exceptional facilities at his command, much should be expected from this new movement. On this first floor and at the rear of the building are located the two technical laboratories for the use of the first and second year students. Each laboratory will accommodate 125 students, or more if necessary. One of these laboratories is so constructed that it can be used as a class room or lecture room. There are two demonstrators' rooms and a hallway between these laboratories. The second floor is reached by an easy stairway, and here are located all the clinic rooms. At the top of the stairway is a large reception hall, for patients who are waiting to be assigned to the several departments. Just off the waiting room is a good sized examination room, and a coat room where patients' wraps may be checked. Occupying the north side of this floor is the operating room, which is 34 feet wide and 165 long. This room will be fitted with one hundred operating chairs, with fountain cuspidors attached to each. The lighting of this room will be from windows along the north wall which are four feet wide and fifteen feet high and by a roof skylight ten feet wide by about one hundred feet long. This will insure the efficient, steady north light, essential for this kind of work. On the rear wall of this room, which has a 21-foot ceiling, is placed a gallery nine feet from the floor and nine feet wide, and extending the full length of the building. This gallery is intended to be used for the porcelain work, fillings, and crown work. Its position immediately under the skylight insures the light necessary for the securing of right shades of color in the fillings. On the south side and to the west are the rooms devoted to clinical prosthetic dentistry, the making of artificial teeth, crown and bridge work, and the regulating of teeth. These rooms are admirably planned for the work required. At the east end of this floor and on the south side is located the Amphitheatre or Lecture Hall, which will seat 250. In connection with this are three rooms to be used as a hospital for Oral Surgery. There are also located here the Therapeutic and X-Ray laboratories, the extracting room and Superintendent of the Clinic's rooms.

The building will be completely equipped for instruction in modern clinical dentistry, and will probably be the best building of its kind in the country. The Dental Department has always had a high reputation among the dental colleges of the world; and with the new facilities which will come with this building, and the new work undertaken by Dr. Miller, it should take rank as one of the very best educational institutions of the land.

MAY MEETING OF THE REGENTS

The Board of Regents assembled in the Regents' Room, May 8, 1907, with Regents Fletcher, Carey, and Sawyer absent.—The usual communications which had reached the President were placed in the hands of the standing committees of the Board for consideration.—The Secretary was directed to execute in the name of the Board, the contract submitted by the Michigan State Telephone Company covering the Campus telephone exchange.—The Michigan State Telephone Company was granted permission to install a televant long distance transmitter in University Hall during the May Festival.—The following communication from Edward H.

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Kraus, Professor of Mineralogy, was read:

May 7, 1907.

The Honorable Board of Regents,
University of Michigan.

Gentlemen:

Through the generosity of the family of the late Dr. Carl L. Rominger of this city, former State Geologist of Michigan, the Department of Mineralogy has come into possession of Dr. Rominger's collection of minerals and crystals. The collection consists of about 1,500 specimens, among which the lead and zinc ores are especially well represented. It is of considerable value to the department and will be incorporated into the various working collections now in the laboratory. I, therefore, respectfully recommend the formal acceptance of this gift.

Yours respectfully,
EDWARD H. KRAUS.

On motion the gift was accepted and the President was instructed to transmit the thanks of the Board to the family of the late Dr. Rominger.—Florence Parsons was appointed stenographer to Dr. George Dock.—The resignation of Theodore de Laguna, Assistant Professor of Education, was presented and accepted by the Board. Dr. de Laguna becomes Professor of Philosophy at Bryn Mawr. Charles Hughes Johnson, Ph.D., was appointed Assistant Professor of Education in the place of Professor de Laguna for one year at a salary of $1,600.—At the request of Professor John O. Reed, W. W. Sleator was appointed assistant to Professor Reed for one year at a salary of $300.—Leave of absence to Lee H. Cone, instructor in organic chemistry, was extended for one year for further study abroad.—A communication from the American Institute of Architects, asking that architecture in this University be made a separate department, was received and placed on file.—The Board then took a recess until afternoon, when it reassembled at 2 o'clock.—The Secretary stated that an error had been made in the description of certain land in the gift made by Esther Connor Nichols and Walter H. Nichols for botanical gardens. A new deed had been made correcting the error, and the Secretary was authorized to execute the new deed in the name of the Board.—Helen Brooks, M.D., having resigned as Director of the Women's Gymnasium, the Board authorized the following arrangement for the work for the coming year: Bertha S. Stewart, acting director, salary $250; Ethel Perrin, instructor in physical training, salary $1,250; Maud Hartshorn, assistant in physical training, $250; Mrs. C. A. George, instructor in swimming, $250; additional janitor help, $160.—A large number of reappointments were made by full vote of the Board, and a recess was taken until the following morning.—Upon reassembling the Board ratified and confirmed a list of teachers' diplomas as granted since 1903. The list will appear in the printed minutes of the Regents' meeting.—The leave of absence granted to Professor James W. Glover was extended for five weeks.—The question of removing the wing of the Nurses' Home at the Homœopathic Hospital was referred to the Building Committee with power, and the Committee was authorized to proceed with the other repairs asked for, at a cost not exceeding $250.—A communication was received from the Librarian of the University asking that he be authorized to append to his annual report the list of publications by members of the Faculty, which the University of Michigan *News-Letter* has printed at intervals the last few years. It was felt that in this way the work could not only be done better, but that, inasmuch as the files of library reports are kept in more university and college libraries than are files of the *News-Letter*, it would be more likely to be preserved and would reach more of those who are particularly interested in the publications of our professors. The Board thereupon authorized the publication of this list from January, 1906, to June 30, 1907, as

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an appendix to the next annual report of the Librarian.—A resolution reading as follows was presented by Regent Knappen:

Resolved, that a special committee, consisting of three members of this Board and three members of the University Senate, be appointed to make a study of the arrangement of the Campus and the placing of new buildings and to prepare a plan to be submitted to this Board.

This resolution was adopted by this Board and the President named the following committee: Regents Knappen, Fletcher, and Hill, Deans Cooley and Hutchins, and Professor Kelsey. —The Board then adjourned.—At the afternoon session the Board reassembled at 2 o'clock with Regent Fletcher in his chair.—The President read the following communication from Professor M. L. D'Ooge:

May 8, 1907.

To the President and the
Honorable, The Board of Regents:
Gentlemen:

I desire to announce to you that Hon. Peter White, a member of your Honorable Board, has very generously contributed the sum of Three Hundred Dollars for the continuance of the Fellowship in Classics named for him.

The Classical Department, on behalf of which I make this announcement, is deeply grateful to Mr. White for this aid and for this renewed evidence of his personal interest in this department of learning. The person to whom this Fellowship is to be awarded for the ensuing year will be recommended to you for appointment next September.

I have the honor to be
Yours most truly,
MARTIN L. D'OOGE.

On motion this gift was accepted and the thanks of the Board were tendered to Regent White.—The sum of $142 was appropriated for printing and circulating seven thousand copies of a Symposium on the Value of Humanistic Studies as a Preparation for the Professions.—Professor Isaac N. Demmon and Junior Professor Louis A. Strauss submitted a financial report of the Shakespearean plans given in University Hall Jan. 19 and 26 by the Ben Greet players, under the direction of the Department of English of the University, showing the net proceeds to the department to be $492.65. This was turned over to Major Soule as Treasurer of the University for the benefit of the Ben Greet dramatic fund.—The Faculty of the Homœopathic Medical College asked permission to give a course in the Summer School, recommending that a fee of $15 be charged for such course. This permission was granted, the compensation of the instructor to be arranged at a later date.—Notice was given by the Superintendent of the University Hospital that Albertine Henrietta Rugenstein and Bertha Elizabeth Clemmer had completed the course in the Training School for Nurses, and upon recommendation the Secretary was authorized to issue the proper certificate and attach the seal of the University thereto.—The Board then adjourned subject to the call of the President.

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THE MC MILLAN SHAKESPEARE LIBRARY

Among the numerous benefactions of which the University has been the recipient, there is none more noteworthy than the Shakespeare library which bears the name of the late Senator James McMillan, of Detroit. His continued generosity, extending over a period of twenty years, made this collection possible and thus secured to the University Library one of its chief ornaments and to the Department of English and others a most valuable apparatus for research. A brief sketch of the history of this collection, now for the first time recorded, may serve to satisfy many inquiries.

The genesis of the collection was due to the taste and enthusiasm of a pioneer resident of Flint, Michigan, the Honorable Edward Hughes Thomson. He was a native of Kendall, in the Lake Country of England, where he was born June 15, 1810. Three years later his family emigrated to Massachusetts, where his preliminary education was had. He took up the study of the law and was admitted to the bar. In 1837 he removed to the new state of Michigan, where he continued to reside for half a century and where he was honored with many positions of trust. Being prospered in his profession, he early began to collect the works of English authors, and in due time his library grew to be probably the best private collection in the state. He was especially interested in Shakespeare, and while acting as commissioner to the World's Fair of 1851 he improved the opportunity to enrich this part of his collection from the book shops of London. Upon this foundation he continued to build for many years afterwards. He acquired considerable reputation as a Shakespearean reciter and was frequently called upon to entertain various bodies in this way.

About 1880 he became financially embarrassed and found it necessary to raise money on his library. He sought a purchaser for the Shakespeare portion among several gentlemen of means in Detroit, but without success. Finally, in the fall of 1882, Mr. James F. Joy, at that time a Regent of the University, suggested to his friend, James McMillan, a public-spirited citizen of Detroit, that it would be a handsome thing to give the Thomson collection to the University. Mr. McMillan quickly responded to the hint, and Mr. Joy at once informed President Angell of the fact. On an afternoon of October the President appeared at the door of my recitation room in University Hall with the good news that he had a purchaser for the Thomson Shakespeare collection, and I was commissioned to go to Flint at the earliest opportunity to list the books and estimate their commercial value. I already had a general idea of the scope and character of the collection from a casual visit made a year or two before and was not surprised to find on closer examination that these had been naturally enough considerably exaggerated. There were about seven hundred and fifty volumes of text and *ana*, including a large number of editions of the works, from Pope's (1725) to date. There was also a copy of the Fourth Folio (1685) lacking the doubtful plays. There were very few volumes of great rarity, but still a very good nucleus for a working library on the subject. The price asked had been five thousand dollars; this I reduced to thirty-five hundred dollars, and after some negotiations this sum was accepted.

As Mr. McMillan had set a limit of five thousand dollars for the purchase, he generously sent the balance of fifteen hundred dollars to President Angell for supplementing the Thomson collection. This sum was ex-

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hausted within a year; and on further representations of our needs he sent his check for a second fifteen hundred dollars. The Thomson collection had a fine copy of Le Tourneur's translation (20 vols., 1776-81) and a copy of La Roche's translation (7 vols., 1842). Aside from these everything was in the English tongue. An effort was now made to add the principal translations into foreign languages and original treatises in those languages. In all eleven languages were eventually represented, the chief, of course, being German and French, in both of which very complete sets of editions were gradually secured.

In the summer of 1885 the private library of Joseph Crosby, Esq., of Zanesville, Ohio, also rich in Shakespeareana, came into the market. Crosby, like Thomson, was an Englishman of literary tastes who had settled in this country and followed the profession of the law. Like Thomson also he was an enthusiastic student of Shakespeare and a collector of his works. He was a much better scholar than Thomson in all matters relating to the history of the text. Indeed, his work in this line received hearty recognition from the leading Shakespearean editors of his time. The Rev. Henry N. Hudson, the well-known Shakespeare scholar, relied greatly on his learning and judgment and pronounced him one of three men in this country who could be "truly said to know Shakespeare in an eminent sense." Crosby also became financially staitened, and his Shakespeare collection had to be sacrificed. Fortunately, I was consulted by the receiver in regard to the disposal of the collection and thus had an opportunity to get the first chance at its treasures. I found on examination that it contained upwards of four hundred volumes and pamphlets (many of them rare) which were still lacking in the McMillan Library. I obtained permission to segregate these and to purchase them *en bloc* at an appraisement agreed upon by experts. The price was fixed at something less than six hundred dollars for the lot, and this sum Mr. McMillan promptly furnished. The Crosby books, aside from their rarity, were in many cases rendered unique by the addition of numerous marginal notes in Mr. Crosby's own hand.

The Crosby purchase filled many lacunae, but there still remained many more unfilled. Constant vigilance has been exercised through all the subsequent years in the search for missing titles. Hundreds of thousands of pages have been gone over in the catalogues of antiquarian booksellers and of auction sales, home and foreign, in this search; and no year has passed without substantial additions to the collection. Two may be specifically named. In 1891 a very good copy of the Second Folio (1632) was offered by Pickering and Chatto, London, for thirty-two pounds sterling, and was quickly secured. Six years later a fine copy of the Third Folio (1664) was picked up in a New York auction sale for three hundred and seventy-five dollars. Both these volumes are today worth several times the prices paid.

Mr. McMillan was a native of Canada, having been born at Hamilton, Ontario, May 30, 1838. At the age of seventeen he came to Detroit and there by his unaided efforts won fortune and fame. He was chosen United States senator for Michigan in 1889, and was continued in that high office till he was suddenly cut off by death August 10, 1902. His generosity was manifested in a great variety of ways. Without a university training himself, he became the patron of learning. To our regret he never saw the library he had created here. He had often expressed his intention to visit it, but the great pressure of public and pri-

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vate business prevented his doing so till it was too late. His son, William C. McMillan, succeeded to his father's interest in keeping the collection up to date and contributed one hundred dollars annually for supplying current Shakespeareana. His untimely death early in the present year was deeply deplored.

ISAAC N. DEMMON, '68.

SOCIAL PROBLEMS OF CO-EDUCATION*

The chairman's allusion to my Ph.D. strikes a very tender point, for I have nothing to show for the degree but a roll of bristol board given me by President Angell in 1892 and I feel that I have done nothing to deserve even that symbol of scholarship. I am like one who has been under heavy bond to accomplish some task, has forfeited the bond, and is now being graciously permitted to pay her sponsor, the University of Michigan, slowly, on the installment plan, by certain efforts for the general good, not of fashionable society, but of society in the larger and more noble sense.

Twelve years of life in Chicago, the wicked, the corrupt, the cosmopolitan, the storm-center of educational reform, cause one to look at all education from the sociological standpoint, and at all educational institutions with regard to their tendencies in the making of social beings. The history of the University of Michigan shows that it has been all along an integral part of the democratic development of the country as a whole. It was in the period of educational expansion following the Civil War that equal opportunities were extended to new classes of society, including Negroes, Indians, and women. I think it was in this same period that this University took the advanced stand of conferring degrees on students of engineering. It has always seemed to be able, because of its small fees and low living expenses, to make education democratic without making it popular in the bad sense.

The relation of our University to woman's education has always been close. Not only was it early in admitting them, but at two later crises it has furnished representatives who championed our cause. I refer to what was written by Dr. Dewey in 1890, when the question of woman's health and relations to her family were under discussion, and to 1902 when there was a temporary reaction against co-education. At this later period a champion, trained at the University of Michigan, was able to show the ludicrous inconsistencies of the leaders of the reaction. Stanley Hall is no formidable foe of our higher education so long as we have another psychologist who has the point of view held by Dr. Angell.

Today we are in the midst of another phase of the question,—you know there were certain objections that characterized the sixties and the seventies and the eighties, and so on, and that every now and then some one breaks out in the twentieth century with some argument that was answered in the sixties. That is one of the things we have to count on. We may think our predecessors have forever demonstrated the capacity of women for higher education, but *you* have to keep on demonstrating it every

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* Speech delivered by Mrs. Caroline M. Hill, Ph.D. '92, at the banquet of the Women of the University of Michigan, held in Barbour Gymnasium, May 25.

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year to *your* contemporaries. We are all like Alice Behind the Looking Glass, we have to keep running all the time in order to stand still. The woman students of Ann Arbor demonstrated a good many things thirty years ago, but this will not suffice for today. You stand to the men of Ann Arbor for what women can do. Our reputation in college at this stage is in your hands. The question under discussion today is two-fold; one part of which concerns you and the other of which concerns women of my generation—the "old ladies," as we have been affectionately called this evening.

I. As to your phase, or co-education proper.

How shall you live for four years so that you will gain the maximum of valuable experience and knowledge with the minimum of nervous wear and tear?

I wonder what are the things a young woman should have to show for her college course?

1. I think, good health and a good record on the books.

2. An open mind to the problems of the day and a disposition to take hold somewhere.

3. A high standard of excellence in the work she chooses, and training sufficient to maintain her standards.

4. And not least, friendships among the best young people of her period.

The value of these friendships is going to be more and more apparent as time goes on. They are to be what will unlock the big world to us in after life, as some of them are unlocking Ann Arbor for me today, and as friends of other nationalities are going to unlock parts of foreign countries next summer. It is possible for one to live but one life in one's own personality, but through friendships among different nationalities, and in different vocations, it is possible to have a great deal of vicarious life. There is enough of vicarious suffering and sacrifice in the lot of everyone, but through our friends we get compensation in the vicarious enjoyment. Anything in college life that restricts the number and range of our friendships does it the greatest possible violence. It is in Chicago that I have learned the value of acquaintance in different walks of life, I didn't learn it in Ann Arbor, and it didn't come natural.

From your point of view, then, the social problem is one of association with your fellow-beings, men and women, and it seems to me evident that this should be as free as possible, within the limits of what is uplifting and within the limits of the time not needed to fulfill your contract with your instructors—you make a moral contract with them when you register for their courses. It is just here that Ann Arbor seems to me to fall short, in spite of its splendid history and theory. Perhaps I may be personal in order to be definite.

I went from here to Bryn Mawr, an institution founded by private wealth and situated near what is perhaps the most conservative city, socially, in the country, with traditions that were not generally considered democratic. I found at once however that it was much easier to meet congenial spirits, and to get the best of the life there than it had been here. The smaller size of the institution may have had something to do with this, but I think the spirit prevailing was more really democratic. Each girl stood much more on her own merits, apart from her social connections, than she stood here. Girls who bore about them none of the marks of wealth or of previous advantages were respected for originality, character or intellect, and they might easily have been nobody here. On the other hand, girls who simply wore good clothes, observed fairly good form, and were properly introduced simply got what was coming

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"Gloria Virtutes Umbra"

With dignity.
Oh! Al-ma Mater, from full hearts, To thee our songs we
raise: At-tune our voices, fire our souls, That we may sing thy
praise. In full-toned harmo-nies to thee, Our tribute let us
Ending for first three stanzas.
bring; Nor let our discord mar the strain As we thy
Ending for last stanza.
virtues sing. O Gloria! Victoria! O
Albert Atlee
May 1907
Gloria! A--men!

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Gloria Virtutis umbra

Ah! Alma Mater, from full hearts
To thee our songs we raise;
Attune our voices, fire our souls
That we may sing thy praise.
In full-toned harmonies to thee
Our tribute let us bring;
Nor let our discord mar the theme
As we thy virtues sing

The love thy colors - Heavens own blue
Entwined with goldnen marge;
The glory of the summer day
The tint of autumn days
Fit symbols of thine own proud past
Of glories yet to be
The golden days of duty done
The future bright and free.

Our deepest love we yield to thee
Whom all entwined in time
Reflects all that we love in thee -
Ah! Alma Mater mine.
Long may that noble life be spared,
Upon whose strength we rest;
And may it ever be our prayer
How may we serve thee best.

O Gloria! Victoria!
O Deus omnium!
O salve Universitas
Michiganensium!
With hearts exultant once again
Send forth this glad refrain:-
"O Gloria! Victoria!
O Gloria!" Amen.

A new Michigan Song, by Professor Albert A. Stanley. Sung for the first time Baccalaureate Sunday, June 16, 1907. Facsimile of the original manuscript.

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to them. I believed then, and believe now, that the main reason for this was greater uniformity in living arrangements. Some preparatory schools make use of a uniform because it is more democratic—all military schools do so—the academic gown at Bryn Mawr had the same tendency. The use of the gown at this University would not seem feasible, but some method of obliterating social distinctions and giving each one an equal start in college life seems to me absolutely necessary. Life in the world is a matter of family and a network of predetermining associations, by every one of which the individual is limited. One of the great values of educational institutions, from the point of society, is that they sweep away for the time being, all these external limitations and start everyone on an equal footing.

The young men and women who come to Ann Arbor leave their own families and take their chances of placing themselves in others, they find in the course of time a little coterie of friends who are determined largely by proximity, join some student organization and have little time for anything else. Often at the very end of the senior year a student realizes that he or she has been wrongly placed, when she meets those whom she should have known all along. The organizations and meetings for the purposes of common fellowship were, in my time, made a battleground for competitive (secret) organizations. Spencer has shown us that the natural tendency of all homogeneous bodies is toward differentiation, but I should like to see a fresh basis of homogeneity to start from, and a natural process of differentiation. The use of student organizations should be to enlarge the horizon, not to limit it. An institution that has some method of housing its students, has no need for organizations to assume that function.

I have spoken of the contrast noted fifteen years ago between the University of Michigan and Bryn Mawr. Today I note a contrast between this University and the University of Chicago. In spite of the many beautiful homes in Ann Arbor, the visitor cannot forget the many students who have to "rough it" in some sense or other. To be sure many have fallen in pleasant places and live in modern houses with cultivated people, at reasonable distances from the base of operations. But I should like to see it possible for every girl to have accommodations as good as the best have now. I say every *girl,* because I do not think the young men mind roughing it so much, and they are naturally more democratic than girls. No doubt they would demand something else if they saw women have it. I do not think four years of comfortable living is going to spoil any girl. It will only give her standards which she will try to live to afterwards. I think we have long abandoned the idea that there is any virtue in asceticism for its own sake. That view may still be held in parts of Calvinistic New England, but certainly not in a college town. Perhaps some of you do not think you could sleep nights if you were in a beautiful hall built by J. D. Rockefeller's money. Perhaps you chose this place because it is supported by honorable taxation. I think there must be some way of getting these improvements that will allow them to be self-supporting and which will be entirely consistent with the democratic basis of the University of Michigan. The halls of residence at the University of Chicago pay five per cent on the money invested. This is the statement given me yesterday from the office of the comptroller.

In a word, I think the great need here is to raise everything to the highest possibilities of the place in the matter of physical comfort, and not to cultivate many separate little competi-

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tive groups who think their standing depends upon the possession of certain externalities which all do not possess. I am well aware that that is just what the newly-rich philistine world outside thinks, but a university exists to give us a different standard of culture. Being brought up a Quaker, Ann Arbor was my introduction to social distinctions and to the way some men look upon women's work. I thought the introduction presented the case in an exaggerated form.

In pleading for a more democratic method of housing I think it scarcely necessary to say that the word dormitory is never heard except in the vocabulary of charity workers. The small hall with home life and architectural possibilities is the only thing to be considered. Freedom of choice is a thing to be sacredly preserved. A democratic method of housing does not compel anyone to live anywhere, it only offers equal opportunities to all. This is the ideal at the University of Chicago, but, as a matter of fact, it has accommodations for about one-third as many women as make application for them.

I know I shall be asked about segregation at the University of Chicago and shall save your time and mine by saying here that it is a very inconsiderable factor—three courses out of one hundred and fifty are divided along sex lines this spring quarter, and nine last autumn out of about two hundred offered. Classes in the freshman and sophomore years are divided in this way if they number more than sixty. The women of the faculty do not believe it is the entering wedge that is going to destroy co-education. They believe that if that intention ever existed it died with Dr. Harper. The New York *Independent* had only the authority of the daily papers for an article it published this past winter. I do not mean to convey the impression that I consider the University of Chicago a model institution. I do not think so, but I think its more ample funds have made possible some steps in advance, in the matter of housing and consequently in all social relations, of any co-educational institution that I am acquainted with.

As to the way women are looked upon by men in the great universities, I am sure the women at Chicago have a great advantage in the fact that there are women on the faculty there. So long as there are no women on the faculty of instruction here the men students will be patronizing to the women, and they will feel more or less like pensioners,—but that is another story.

II. I have spent so much time on your phase of the problem of higher education that it is almost better to leave out the later phase. However, the granting of graduate opportunities to women is becoming more and more a question of what use is made of them ten or fifteen years later. The ability to use one's training in the outside world is a much simpler matter for a man than it is for a woman. If you are a man and have a talent and eternal persistence and nerve, you must succeed after a while. Details do not trouble you, nor what your relatives think, nor your small social duties. To be sure every man does not have a talent and persistence and nerve, but we all think we should have these things if we were men. To be sure a man must make money, but with his mother to clear the way before him, and his wife to pick up the debris after him, he should have enough motive power for that. There is a saying that a genius is such because his first thoughts are other men's conclusions, and success in anything is pretty much a matter of utilizing the experiences of others, eliminating what is useless and reducing as many necessary operations as possible to automa-

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tisms. Exploitation, elimination, automatism, these are the words that express what men have learned to do. Women have a difficult task to grade their interests, to eliminate what is irrelevant, and to reduce dress and housekeeping to automatisms. College women have learned that they can and must dress with good taste without giving all their time to it. Housekeeping may be made more automatic than it is if it is taught scientifically, and trained into a habit from youth, if servants are trained and more work is done out of the house, and if a great many more things are done than have been accomplished yet. But I do not think the most sanguine person thinks the training of a family can be made automatic. One must take the other horn of that dilemma and make that occupation a profession for which scientific training shall be given in colleges and universities. When this view of the case is accepted the university trained woman can carry her standards into the home without feeling that her life is a series of miserable compromises. The idea of productivity, of adding to the sum of human knowledge, which is the test of graduate scholarship, has been an especially difficult one for a woman to maintain in the world as it is, but fortunately the idea is being expanded to include, not merely scientific monographs, but other forms of productivity, and contributions to human welfare. The word Social Efficiency has been invented to express the expanded ideas of this transition period—and to be a comfort to women who cannot live up to their ideals of scholarship. We feel that we are running as fast as we can, but are only holding our own.

I am rejoiced to see this meeting of women to act together and to consider our own problems. Occasions of this sort will promote friendships because we always have the warmest feelings for those with whom we have worked for common ends. It will also strengthen our position in the University when we deliberately coöperate with the faculty and the Board of Regents for the solution of our own problems. We are going to need every bit of our strength and intelligence in tests that are coming. The invader of our peace and happiness and scholarly calm is going to be the worship and imitation of wealth and display. It is the power of organized and unscrupulous wealth which corrupts the national government; it is the power of organized swell-dom which is corrupting the university ideal. Many of your alumnæ feel that this invader is entering all the great universities, that you have been spared a long time, but your test will inevitably come. The spirit of imitation is not confined to children. Many young men want to be as much as possible like their brethren in Princeton and Yale, and there are no women there in the undergraduate department, so that is enough for them. As long as we have our honored President we shall not be overcome by this invader, but let us feel deeply that our welfare at all times depends upon ourselves.

CAROLINE M. HILL, PH.D. '92.

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RELATION OF MICHIGAN HIGH SCHOOLS TO THE UNIVERSITY OF MICHIGAN

The development of our secondary schools, of schools, that is, which lie intermediate between the elementary schools on the one side and the college and university on the other,—the development of these schools has always been influenced more from above than from below. That is to say, these schools have been drawn up by the influences and requirements of the colleges and universities with a much greater force than they have been modified by the demands of the schools with which they were connected on the lower side. While this was true in the early history of secondary schools and while it has been true even up to the present time, conditions are now changing. In the future, secondary schools, at any rate public high schools, however it may be with private academies, will be modified more by the immediate environment in which they find themselves than by the schools above them. This does not mean that the leadership of the higher schools will be denied or ignored. The secondary schools will always feel the profoundest gratitude to the colleges and universities for the salutary and uplifting influence exercised by them. The secondary schools will always recognize the authority of the higher schools in the matter of standardizing education, and will always pay respect and give consideration to these requirements. At the same time, the broader function of the secondary school in its obligation to the community will be more and more recognized. This is the thesis of this paper.

It is not only true, as has been said, that secondary schools are under the deepest obligation to the higher schools, but it is further true that both universities and elementary schools existed before secondary schools. Greece and Rome had elementary schools, and universities existed at Athens and Alexandria three centuries before Christ. The modern development of education, however, must be traced from the universities of the middle ages, which sprang up and existed without a thought of the middle schools, and from the people's schools which grew out of the Lutheran Reformation. In fact, it is hardly too much to say that secondary schools are the children of the university. They were created by the demand of the universities for students properly fitted to pursue university studies. This is certainly true of educational development in America. The settlers of Massachusetts Bay had been there but five years whn they voted, in 1635, that "our brother, Philemon Pormort shall be entreated to become schoolmaster for the teaching and nurturing of children with us." This gave rise to elementary schools. In the next year, 1636, we read in the Massachusetts records, "the court agreed to pay four hundred pounds toward a school or college," which became the foundation of Harvard University. It was in 1647, however, that the real foundation of the Massachusetts school system was laid in the law which is well known to all students of American history and which provided for college preparatory schools as follows: "And it is further ordered that where any town shall increase to the number of one hundred families or householders they shall set up a grammar school, the master thereof being able to instruct youth so far as they may be fitted for the university."

Now the course of educational development in Michigan follows very

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closely this same order. The first settlers of the territory of Michigan were properly impressed with the spirit of the Ordinance of 1787, that "schools and the means of education shall forever be encouraged." The first act for the establishment of common schools in Michigan was passed by the territorial governor and judges in 1809, and provided that the territory should be divided into school districts and that taxes should be raised for the support of the schools. Although this law seems to have had little effect, it was the beginning of school legislation in Michigan. The next important act was passed in 1817, known as "An act to establish the Catholepistemaid, or University of Michigania." The eccentricities of this act, however, were never put into force, and in 1821 the name of the proposed college was changed to the University of Michigan. But here were the beginnings of our elementary schools and of our University. Secondary schools had not yet been planned. Little seems to have been done in the actual establishment of schools of any kind before Michigan was admitted as a state in 1837. The constitution of 1835 declared as follows: "The legislature shall provide for a system of common schools by which a school shall be kept up and supported in each school district at least three months of every year." And again, this constitution provided for a University "with such branches as the public convenience may hereafter demand for the promotion of literature and arts and science." It was in the provision for these branches of the University that the secondary education of this state first appeared.

The founders of Michigan, the framers of the constitution of 1835, had a wide vision of education. It was their idea to plan a system of education continuous from the primary school through the university, which should be free and open to everyone. This was a new conception of state education and too much honor cannot be paid to the men who had this broad view. For the first time, the state of Michigan planned to carry out the idea, later embodied in striking language by Huxley, "No system of public education is worth the name of national unless it creates an educational ladder with one end in the gutter and the other in the university." The development of the details of the branches of the University was left to the Board of Regents. The plan which they devised was to establish schools or branches in different parts of the state which should be intermediate between the common schools and the University. These branches were avowedly to serve a three-fold purpose: to prepare teachers for the primary schools, to give instruction in agriculture, to fit students for the University. The branches were to be under the control of the Regents of the University, in this respect differing from our secondary schools at present, which are managed by local boards. From 1838 to 1849 these branches existed and flourished more or less, it must be said in truth, rather less. Branches were set up at Pontiac, Monroe, Niles, Tecumseh, Detroit, Kalamazoo, Romeo and White Pigeon. From 150 to 225 students were enrolled in these schools on the average. By 1849, however, the regents of the University found that the funds at their disposal would not justify them in the maintenance of these branches and so, the appropriations being discontinued, the branches died out.

For the next ten years, from 1849 to 1859, the people of Michigan seem to have been undecided as to what course secondary education should take. The school code of 1846 had provided that two or more districts might be joined together when the board of inspectors of any township

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considered it best, and this gave opportunity for the establishment of what was known as union schools. The State Teachers' Association, in 1854, resolved that, "we hail the establishment of union schools as a great improvement in our educational machinery." By 1857, twenty-seven union schools had been organized. These schools gradually extended their course of study upward so that their students were fitted to enter the University. The first student to enter the University from a union school came from Jonesville in 1851. During this decade, from 1849 to 1859, a considerable number of private seminaries and denominational academies sprang up, which promised in a measure to take the place of the University branches as fitting schools for the University. The question was seriously discussed as to whether state aid should not be given to these institutions as preparatory schools. State Supt. Mayhew, in his report for 1855-1856, said, "It is respectfully submitted whether justice to this class of institutions (private seminaries) and a due regard to the interests of sound learning and general education in the state do not require the legislature to make some suitable provision for their encouragement." No legislative action, however, was taken and as the union school and graded system began to meet with popular favor, the seminaries declined in importance and high schools came to take their place. In 1859, and this date may mark the beginning of our high schools, a statute was enacted giving graded school districts authority to establish high schools and to provide for their support by taxation. The number of high schools in the state at different periods, as given by Putnam in his Primary and Secondary Education in Michigan, is as follows: 1857—7, 1860—45, 1870—107, 1880—182, 1890—278, 1900—389. It will be seen that the establishment of high schools did not spread widely until after the Civil War. But the principle was established by statute and these schools were growing in favor steadily from say 1846, when union school districts were authorized. I think it is clear from what has been said that a leading motive in the establishment of the high school in Michigan was to provide a means of fitting students for the University. Probably the other motive of giving an opportunity for boys and girls to obtain a certain amount of education higher than elementary was present also, but it is not far afield to say that the University gave birth to the high schools for the sake of fitting students for college.

But there was no constitutional provision for high schools. They were established by local communities in acordance with the union school statute of 1846 and with the high school statute of 1859. The constitution of 1850 provided for a system of primary schools, in which school should be kept at least three months in each year. It also provided for the University and the Regents of the University. But since there was no constitutional provision for their establishment, the high schools met with more or less opposition in the local communities on the ground that there was no authority for taxing people to support the high schools. In 1872, this opposition culminated in the now famous case of Stuart and others versus School District No. 1 of the village of Kalamazoo, in which Mr. Stuart sought to restrain the collection of school taxes voted for the support of the high school and for the payment of the salary of the superintendent. The case was decided in the circuit court in favor of the school district and was then appealed to the supreme court of the state, being concluded July 21, 1874, in an epoch-making decision, written by Judge Cooley. This decision deserves to be

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better known by the school men of Michigan, as it settled forever the right of the community to maintain high schools. The decision, which is found in Michigan Reports, 30:69, contains perhaps the best epitome of the history of education in Michigan to be found. Justice Cooley finds that the whole tenor of the laws and enactments, both in the territory and the state, is in the direction of establishing at state expense a complete system of education from the primary school through the University. I quote the following closing paragraphs from the decision: "The instrument submitted by the convention (of 1850) to the people and adopted by them provided for the establishment of free schools in every school district for at least three months in each year, and for the University. By the aid of these we have every reason to believe the people expected a complete collegiate education might be obtained. The branches of the University had ceased to exist; the University had no preparatory department, and it must either have been understood that young men were to be prepared for the University in the common schools, or else that they should go abroad for the purpose, or be prepared in private schools. Private schools adapted to the purpose were almost unknown in the state, and comparatively a very few persons were at that time of sufficient pecuniary ability to educate their children abroad. The inference seems irresistible that the people expected the tendency towards the establishment of high schools in the primary school districts would continue until every locality capable of supporting one was supplied. And this inference is strengthened by the fact that a considerable number of our union schools date their establishment from the year 1850 and the two or three years following.

"If these facts do not demonstrate clearly and conclusively a general state policy, beginning in 1817 and continuing until after the adoption of the present constitution, in the direction of free schools, in which education, and at their option the elements of classical education, might be brought within the reach of all the children of the state, then, as it seems to us, nothing can demonstrate it. We might follow the subject further, and show that the subsequent legislation has all concurred with this policy, but it would be a waste of time and labor. We content ourselves with the statement that neither in our state policy, in our constitution, or in our laws, do we find the primary school districts restricted in the branches of knowledge which their officers may cause to be taught, or the grade of instruction that may be given, if their voters consent in regular form to bear the expense and raise the taxes for the purpose."

It has now been shown what the relation of the high schools to the University is from the point of view of origin. The University, following the classical tradition, set up certain standards of entrance requirements, based, for the most part, on Latin, Greek, and mathematics. In August, 1841, the requirements for admission to the University were published as follows: "Applicants for admission must adduce satisfactory evidence of good moral character and sustain an examination in geography, arithmetic, the elements of algebra, the grammar of the English, Latin, and Greek languages, the exercises and reader of Andrews, Cornelius Nepos, Vita Washingtoni, Sallust, Cicero's Orations, Jacob's Greek Reader, and the evangelists." Students were admitted to the University only by examination until 1870, when, on the recommendation of acting President Frieze, the first official action was taken toward an affiliation of the high schools with the University. President Frieze

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spoke in his report as follows: "As a means of strengthening, consolidating and elevating the whole State system, some of our best educators, both in the local schools and in the University, have proposed that a commission of examiners from the academic Faculty should visit annually such schools as may desire it, and give certificates to those pupils who may be successful in their examinations, entitling them to admission, without further examinations, to the University." This recommendation was adopted, and committees of the Faculty visited schools in Adrian, Ann Arbor, Flint, Jackson, and Detroit, and the first students were admitted on diploma in 1871. From that day to this the affiliation of the schools has grown steadily, until now through membership in the North Central Association, duly accredited graduates of some 400 high schools in the North Central states may enter our University on presenting their credentials.

Following the general tendency of the times the admission requirements have been modified in the direction of greater flexibility. At the present time the only absolute requirements for admission to the University are three years' work in English, three years' work in mathematics and one year's work in physics. In addition to these absolute requirements, enough units must be chosen to make up fifteen total units, a unit being defined as a subject of study pursued through a school year with not less than four recitation periods each week. The choice of units may be made among Greek, Latin, French, German, history, chemistry, botany, zoology, biology, physiography, and trigonometry.

The question has arisen in recent years as to whether the University is not arbitrary in the matter of admission requirements; as to whether it does not exert an unwarranted influence over courses of study in the high schools by requiring specified amounts of work of those students who are to seek admission to its halls. From my point of view there is no just cause to complain of the requirements made by the University for admission, or of the treatment received by the schools from the University. The University of Michigan has made the high schools of the state. I have already shown that the high schools were called into being as preparatory schools for the University and the excellence of instruction, the high standard and elevated tone of the Michigan high schools are due absolutely to the guidance of the University. The higher education means nothing unless it is conducted on a high plane, unless it is measured by a standard of breadth, depth and accuracy. This standard for the high schools has been furnished by the admission requirements of the University. In living up to these requirements the scholarship of the high schools has had its salvation. The standard of the high schools of Michigan has always been higher than that of other states and this is due to the fact that the high school authorities have lived up to the standard of scholarship set by the University. This is a state of affairs for which the high schools cannot give too much praise to the University. Were it not for the University standard toward which the high schools of the state have been working for the past forty years, our high schools would be cheap and commonplace affairs instead of being the pride of the state and the admiration of the nation.

The relation between the high schools of the state and the University is that of son to father. A son must always pay respect, love and gratitude to his father. During his minority he must also render to his father absolute obedience. When, however, he shall have attained his majority, the

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relations become somewhat different. The same feelings of respect, love and gratitude are still due, but he now stands side by side with his father and his judgment may be consulted. While in the early stages of high school growth the high schools fulfilled without a murmur the requirements of the University, there is a feeling that now the judgment of the high schools should be sought and their wishes duly considered in the establishment of admission requirements. With this feeling I entirely sympathize. The judgment of high school principals and teachers and of superintendents of schools may well be considered by the University when the University is determining how many experiments in physics or what English classics should be read. As a matter of fact, this has in some cases already been done. The requirements for admission to the University in English, modern languages and the classics have been formulated, for the most part, by committees appointed by national associations for the advancement of these sciences. These committees have had on their membership representatives of both colleges and high schools and the standards set up today are standards mutually agreed upon by the representatives of the colleges and secondary schools. These requirements may need modification as the result of experience, but I believe that it is the policy of all colleges today and of our own University to consult the experience of high schools in this regard.

The suggestion has been made in some quarters that the University has no right to establish any entrance requirements, that it should take graduates of the high schools as it finds them and carry on their education from that point for a period of four years. With this feeling I have absolutely no sympathy. This is the extremest limit of the doctrine of election of studies and of free choice. Such sentiment is perhaps fostered by the argument which was advanced by the Committee of Ten in their famous report published in 1893, in which the theory was advocated that one subject of study is as good as another for mental growth and discipline and college preparation, provided it be pursued for the same time and in the same thorough manner. But the judgment of the educational public in the United States has never approved this theory of the Committee of Ten. While we have modified our views as to the relative value of different studies as preparation for life, while there is a pretty general agreement that the study of Latin and Greek has too much dominated our preparatory schools, I do not believe that this belief has gone to the extent of declaring that all the subjects of the high school course, including bookkeeping, commercial geography, physiography, political economy and history, are equally important for producing habits of scholarship with German, French, Latin, algebra, geometry, physics and chemistry. I have always been an ardent advocate of the elective system of study, both in college and in the high school, but I believe we have certainly gone far enough in the matter of optional admission requirements. It would be a step backward, a long step and a fatal step, if the University agreed to let down its bars completely and say that all that was required for admission to college was to spend four years in a high school. I have taken some pains to ascertain the sentiment throughout the state in regard to the relations existing between the University and the high schools and I think it may be said that the relations are harmonious, that there is very little complaint. There certainly is no general or widespread feeling of dissatisfaction and I say, all honor to the University for what

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it has done for the high schools of this state.

I now turn to the consideration of another phase of this subject. I have said before that in the future the high schools would without doubt be more influenced by the demands of their environment than by the demands of the University. I believe this to be as profoundly true as I believe that the University should still make some demands upon the high schools for those who are to pursue its courses. However true it may be that secondary schools were called into being in response to a demand for students properly fitted to enter higher institutions of learning, the community has long since realized that the high school is in reality the people's college. It is not a university, but it may well afford to a great mass of young men and women the elements of higher education beyond the absolute needs of the common schools and of every-day life, which shall fit them not only to make the most of life, but to become leaders in their respective communities. The first duty of the high school is always to the community which supports it. This must never be forgotten. The slight feeling which may at times be expressed against the University has no doubt arisen from this thought, that the University authorities were perhaps forgetting this paramount duty of the high school and regarding the high school as solely a fitting school or branch of the University.

The belief of the people of Michigan, and of the United States in general, in high schools and high school education is something approaching the sublime. The amount of money, which in the last ten years has been put into buildings and equipment for the high schools of the United States is enormous. The era of high school buildings in Michigan is just now upon us. Counting those already in use and those which will be built in the next two years, we may say that the following cities of the state have high school buildings costing from $100,000 to $500,000: Detroit, Ann Arbor, Jackson, Battle Creek, Muskegon, Port Huron, Calumet, Escanaba and Saginaw. Buildings and equipment do not of course make a school, but they show the faith which the people have in the public high school. The curriculum of a high school today far exceeds in scope the college course of study fifty years ago. High schools in such cities as I have mentioned include in their courses of study English, Latin, Greek, German, French, Spanish, arithmetic, algebra, geometry, trigonometry, ancient history, English history, mediaeval history, American history, physiography, commercial geography, political economy, bookkeeping, commercial law, botany, biology, physics, chemistry, drawing, both free hand and mechanical, music, carpentry and joinery, wood turning, forging, foundry practice, machine shop practice, cooking and sewing, and possibly some other courses which have escaped my observation.

The opinion of Justice Cooley, already quoted, has made it plain, once and for all, that high schools may teach anything which their constituents are willing to pay for. In the future, then, the limit to the high school curriculum will be determined by the ability of the community. Small high schools, with but few teachers, will continue with wisdom to follow the traditional course of study, and this for two reasons, first, because general culture should be chosen in preference to utilitarian aims if choice be necessary, and secondly, because these schools will desire to retain their connection with the University. High ideals of life, an undying passion for truth, how to live fully and worthily—these are the supreme ends in education, and they have been pretty well attained by the courses of study already organized in

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our schools. The schools of the future can never lose sight of these beacons. The change which is coming is in the form of addition to rather than of substitution for the meaning of education. Those high schools whose communities can afford it—and many more will afford it in the next generation than think they can now—these high schools will offer courses of a more strictly vocational nature than they are doing today. The word practical or utilitarian is not now so tabooed in the educational world as it has been. Not many years ago a speaker who would suggest that perhaps our schools might be expected to offer some definite aid to their students in the way of fitting them for the duties of life was cried down immediately. But a new light is dawning. We are realizing that our schools are supported to make good citizens, to perpetuate a good state, and that the first element, the one indispensable requisite of good citizenship, is an occupation in life. It must then be a part of the work of our schools to fit our students for occupations. The state has long recognized this principle in the training of lawyers, physicians, engineers and farmers at public expense. Why should men be trained for the professions by the state and not for the trades? To me this question is absolutely unanswerable save by declaring for vocational courses in high schools.

It may be said that our ideals will become low and sordid if this is the case and that all our students will rush into the immediately practical courses, that we shall tend to make clerks and mechanics out of everyone by our commercial and manual training courses. But not so—experience for ten years and more with commercial courses in our high schools does not show an excessive number of students electing this work. The commercial courses have attracted only a fair and legitimate share of our high school enrollment. The professions, the so-called higher walks of life are entrenched in popular estimation so deeply that they will suffer no loss by the withdrawal of those better adapted to more humble callings. Culture, the love of learning for its own sake, will always be honored in our schools. If it should come about that our so-called cultural courses are threatened with extinction in the years to come, unless, indeed, culture can hold its own, it must be acknowledged to be only a false culture. I have no serious fear that anything good now in our schools will be permanently harmed by the broadening of their scope, but, retaining all the good of the present, we shall grant to the common people their rights—the right to an education adapted to their needs and devoted to their wants. Our high schools have grown in numbers in the past fifteen years amazingly, but the percentage of boys to girls has not kept pace with the general increase in growth. Vocational courses will retain the boys in school and so add to their general culture in common with other pupils, as well as make them efficient for the work of life. The Committee of Ten, already referred to, uttered another great fallacy when they declared the theory that the same studies which wake the best preparation for college make also the best preparation for life. This is not true. The precious years from fourteen to eighteen must be spent by our boys and girls with an eye to their future, in so far as this future can be seen at that time. It is from such considerations as these that I say that our high schools will be more responsive to the needs of their environment in the future than they have been in the past.

What will be the place of the University in this new scheme? What will be the relation of the high schools to the University? Practically the same as now. Preparation for col-

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lege will be one phase of the work of the high school, but only one phase. The state has incorporated in its scheme of education a University, for the higher education of those who have the ability to profit by the same. This being the case, the state must logically furnish the connecting link between the elementary school and the University, viz., the fitting school. This has been provided in our public high school, and the college preparatory course will always be a legitimate part of our high school course—but not all of the course. The high schools will continue to recognize their deep debt of gratitude to the University for its scholarly ideals and they will continue to meet the requirements demanded by the University. But—and here's the point—these requirements will be framed after due consultation with high school principals and superintendents. Their opinion as to how much and what high school students should be required to study will be sought and prized as diligently as the opinions of the University men themselves. When this time comes and college entrance requirements are agreed upon in mutual conference, then there can be no cause for complaint and the relation of the high schools to the University will be settled.

EUGENE C. WARRINER, '91,
Superintendent of Schools,
Saginaw, Michigan.

News

ATHLETICS

MICHIGAN A CLOSE SECOND IN THE EASTERN INTERCOLLEGIATE

On June 1, Pennsylvania won the thirty-second annual intercollegiate championship on Soldiers' Field, Cambridge, Mass., with the team of the University of Michigan a close second. Yale was third, Cornell, fourth. The Quakers scored 33 points, the Wolverines, 29.

New intercollegiate records were made in the two-mile run by Rowe of Michigan, in the mile race by Haskins of Pennsylvania, in the high jump by Moffiitt of Pennsylvania, in the shot put by Krueger of Swarthmore and in the high hurdles by Garrels. Garrels' record was not allowed however, because of a favoring wind.

Captain Garrels, and Haskins of Pennsylvania, were easily the stars of the meet. The former former captured 13 points, and the easterner, by gathering in 10 points for his college, won the meet.

The work of the six-man team which competed in the finals for Penn was wonderful, but the pluck of the squad which came alone from the west to compete with the leading eastern colleges, won the sympathy of the thousands of spectators.

Previous to the half mile run Michigan outpointed the Quaker school. A victory for the west or for Cornell in this event would have placed Pennsylvania second. But Haskins, though he had just won the mile in record time, was able to stick to the lead held by Ramey of Michigan and 25 yards from the tape he sprinted into the lead, winning the meet. Ramey led 200 yards from the finish, but here his recent illness told upon him and he was passed by four of the eastern runners.

Garrels had an easy time in the hurdles, winning both races in good time. His defeat in the shot put was unexpected, but Krueger, the Swarthmore giant, was able to take "Johnnie's" measure in this event.

The performance of Rowe of Michigan in winning the two-mile run in 9:34 4-5 was little less wonderful than that of Haskins in the mile. Cornell had banked its hopes on Magoffin, and Princeton was confident of Eisele's chances to win, but Rowe led by yards at the tape. Dull, also of Michigan, surprised both Easterners and

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his own teammates by finishing third, beating Eisele for the place. The new mark cuts :05 1-5 off the old record in this race.

The mile run was a hard race from start to finish. Of the twenty-six contestants, Haskins, Coe of Michigan and Lewis of Cornell were the favorites. Haskins set a terrific pace, with Coe following close at his heels. Lewis and Maloney of Michigan were close to the leaders till the last lap when they fell behind. However, this quartette left the rest of the runners far in the rear. About 100 yards from the tape Haskins started a splendid sprint and Coe fell back, finishing second by eight yards. Lewis got third, beating Maloney by five yards.

Michigan's remaining points came in the broad jump in which French was beaten out of a first by 1 1-8 inches by Knox of Yale. Heath, also of Michigan was a good third.

In the two short dashes, Stewart, who had qualified in Friday's preliminaries, could not get beyond the semi-finals, so Michigan was not represented in either of these events.

The Western Conference, of which Michigan was formerly a leading member, having won the meet in 1906, was held at Chicago the same day that Michigan competed in the East. Out of thirteen events the marks made in twelve at the Eastern meeting surpassed those in the West. This comparison is valuable as it demonstrates with what an overwhelming score Michigan would have defeated the Western colleges.

The colleges taking part in the Eastern meet and their scores were: Pennsylvania, 33; Michigan, 29; Yale, 23; Cornell, 15; Princeton, 10; Syracuse, 8; Harvard, 7; Swarthmore, 6; Dartmouth, 5; Amherst, 4; Williams, 2; Johns Hopkins, 1.

Cornell was expected to get at least third place, but Yale surpassed her by eight points. Cornell did not take a first but scored five in the half with second and third.

Yale took first in the broad jump and scored eight points in the pole vault, Dray breaking the intercollegiate record.

Mile run—Haskins (Pennsylvania), first; Coe (Michigan), second; Lewis (Cornell), third; Maloney (Michigan), fourth. Time, 4:20 3-5.

440 yard run—Taylor (Penn.), first; Coholan (Yale), second; French (Cornell), third; Atlee (Princeton), fourth. Time, :49 4-5.

120 yard high hurdles—Garrels (Mich.), first; Shaw (Dartmouth), second; Armstrong (Princeton), third; Hubbard (Amherst) fourth. Time, :15 1-5.

100 yard dash—Cartmell (Penn.), first; Rulon-Miller (Princeton), second; Gamble (Princeton), third; Butler (Yale), fourth. Time, :10.

Two-mile run—Rowe (Mich.), first; Magoffin (Cornell), second; Dull (Mich.), third; Eisele (Princeton), fourth. Time, 9:34 4-5.

880 yard run—Haskins (Penn.), first; Townsend (Cornell), second; French (Cornell), third; Baker (Swarthmore), fourth. Time, 1:57 4-5.

220 yard low hurdles—Garrels (Mich.), first; Hubbard (Amherst), second; Shaw (Dartmouth), third; Armstrong (Princeton), fourth. Time, :24.

220 yard dash—Cartmell (Penn.), first; Stevens (Yale), second; Witham (Penn.), third; Lockwood (Harvard), fourth. Time, :21 4-5.

Shot put—Kreuger (Swarthmore), first, 46 feet 5 1-2 inches; Garrels (Mich.), second, 45 feet 2 inches; Stevenson (Harvard), third, 44 feet 5 3-8 inches; White (Cornell), fourth, 44 feet.

Pole vault—Dray (Yale), first, 11 feet 11 3-4 inches; Allen (Syracuse), second, 11 feet 8 inches; Gilbert and Campbell (Yale), tied for third, 11 feet 4 inches.

Running high jump—Moffit (Penn.), first, 6 feet 3 1-4 inches; Marshall (Yale), second, 6 feet 2 1-2 inches; Horrax (Williams), third, 5 feet 11 inches; Harwood and Somers (Harvard), tied for fourth, 5 feet 9 1-4 inches.

Hammer throw—Horr (Syracuse), first, 150 feet 1 1-2 inches; Kershburg (Harvard), second, 149 feet 6 inches; Pew (Cornell), third, 144 feet 2 1-2 inches; Folwell (Penn.), fourth, 138 feet 8 inches.

Running broad jump—Knox (Yale), first, 22 feet 10 inches; French (Mich.), second, 22 feet 8 7-8 inches; Heath (Mich.), third, 22 feet 1 inch; Perce (Johns Hopkins), fourth, 21 feet 8 inches.

MICHIGAN DEFEATS OHIO STATE IN DUEL MEET

By a score of 104 1-3 to 57 2-3 Michigan signally defeated Ohio State University on May 18 in a dual track meet held at Ann Arbor. The occasion was notable for the fact that two varsity records were broken and the marks set up in five events of last year's Western Conference were either equalled or surpassed.

On his first trial in the broad jump French for Michigan leaped 23 feet 2 inches, breaking the record of 23 feet made in 1900 by Jack McLean, '00. Heath, though just recovering from a strained tendon, was a good second with a mark of 22 feet 4 inches.

The other record to be eclipsed was that made by Schule in the 220 yard low hurdles in the Varsity meet of 1904. Garrels ran a beautiful race in 0:24 3-5, shaving two-fifths of a second from the former time. Stewart, also of Michigan, was second by five yards.

The only conditions upon which Ohio State would compete were that each team should be limited to two men in each event and that all four places would count on the five, three, two, and one point basis. The relay was to count five for the winner and three for the loser. This assured the visitors at least 45 points and their total was only 12 2-3 over this figure. Out of fifteen events Michigan took thirteen firsts, nine seconds, three thirds, and three fourths. The Ohio men only came to the front in the hammer throw and in the pole vault.

The greatest surprise of the day came when Rothwell of Ohio ran a poor second in the quarter. The visitor was reputed to

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be a 50 second man, but Davey won an easy first in 0:53 1-5 and Merritt almost nosed out a second, being only inches behind at the tape.

Ohio's relay team, famous because of its showing in the East, was deprived of Levering, who had been exhausted in the half. Michigan improvised a quartette and the race started. The first Ohio runner, Sheets, made 20 yards on Dunan, but on the second round of the track Pearse lost all his teammate had given him and 10 yards more to the fleet-footed Livingston. Jones and Merritt finished even, and then, on the last lap, for the second time on the same day Rothwell and Davey were opposed in the quarter with the same result—the Michigan man was yards ahead at the tape.

For a well-balanced team like Michigan's the performances in the field events, outside of the broad jump, were mediocre. It was in this part of the contest that Ohio got her only firsts: Kimball and Brock of O. S. U. and Hunt of Michigan tieing for first in the pole vault at 10 feet 6 inches, and Gillie of Ohio winning the hammer with a throw of 127 feet 2 inches, his teammate, Thompson, taking second. Garrels and Schulz were consistent in both the shot and the discus, easily winning first and second, respectively, in each event.

The summaries:

120 yard hurdles—Garrels (Mich.), won; Stewart (Mich.), second; Grant (Ohio State), third; Kimball (Ohio State), fourth. Time, :15 3-5 seconds.

100 yard dash—Stewart (Mich.), won; Bristol (Mich.), second; Jones (Ohio State), third; Burt (Ohio State), fourth. Time, 10 seconds flat.

Mile run—Coe and Maloney (Mich.), tied for first; Snow (Ohio State), third; Booker (Ohio State), fourth. Time, 4:45 2-5.

440 yard run—Davey (Mich.), won; Rothwell (Ohio State), second; Merritt (Mich.), third; Sheets, (Ohio State), fourth. Time, 53 1-5 seconds.

Shot put—Garrels (Mich.), 43 feet 5 inches; Schulz (Mich.), 41 feet 3 inches; Gillie (Ohio State), 34 feet 10 inches; Thompson (Ohio State), 33 feet 1 inch.

Broad jump—French (Mich.), 23 feet 2 inches, breaking Michigan record; Heath (Mich.), 22 feet 4 inches; Kimball (Ohio State), 21 feet 10 inches; Pearse (Ohio State), 19 feet 6 inches.

High jump—Hoppin (Mich.), 5 feet 5 1-4 inches; Norton (Ohio State), second; Pearse (Ohio State), third; Rakestraw (Mich.), fourth.

Pole vault—Hunt (Mich.), Brock (Ohio State), and Kimball (Ohio State), tied for first at 10 feet 6 inches; Wheat (Mich.), fourth.

220 yard hurdles—Garrels (Mich.), won; Stewart (Mich.), second; Allen (Ohio State), third; Kimball (Ohio State), fourth. Time, :24 3-5 seconds, breaking the Michigan record of 25 seconds flat.

880 yard run—Coe (Mich.), won; Levering (Ohio State), second; Waldeck (Mich.), third; Green (Ohio State), fourth. Time, 2:04 3-5.

220 yard dash—Bristol (Mich.), won; Stewart (Mich.), second; Rothwell (Ohio State), third; Burt (Ohio State), fourth. Time, :22 3-5.

Two mile run—Rowe and Dull (Mich.), tied for first; Ward (Ohio State), third; Snow (Ohio State), fourth. Time, 10:46 2-5.

One mile relay—Michigan (Dunan, Livingston, Merritt and Davey), won; Ohio State (Jones, Sheets, Pearse, Rothwell), second. Time, 3:36 4-5 seconds.

Hammer throw—Gillie (Ohio State), 127 feet 2 inches; Thompson (Ohio State), 109 feet 3 inches Moffit (Mich.), 106 feet 3 inches; Graham (Mich.), 102 feet.

Discus throw—Garrels (Mich.), 129 feet 9 inches; Schulz (Mich.), 125 feet 2 inches; Gillie (Ohio State), 113 feet 8 inches; Thompson, 99 feet 11 inches.

TEAM CAPTAINS CHOSEN FOR NEXT YEAR

Michigan's teams of the season of 1907-8 will be led by the following men: Football, Paul P. Magoffin, '08, Washington, D. C.; baseball, John T. Sullivan, '09*m*, Peoria, Ill.; track, Floyd A. Rowe, '08*e*, Battle Creek, Mich.

ERRATIC PLAYING MARS BASEBALL SEASON

After playing a schedule of sixteen games the varsity team disbanded with a record of 11 games won, 4 lost, and 1 tied. Two of the games lost were with league teams, the others with Notre Dame and Alma colleges.

The work of the team has ranged from very good to mediocre. In the Williams game every man was at his best and it is probable that no better playing has been seen on a college diamond this season than was that day presented. Then again, in the Notre Dame game the Wolverines' ninth inning rally in an effort to snatch victory from defeat was most praiseworthy.

The team was not a hard-hitting aggregation. Time and again, notably in the historic thirteen inning struggle with Williams, when the bases were filled with Michigan men, any any kind of a hit would have meant victory for the Yellow and Blue, a strikeout or a pop fly would lose the opportunity. Running bases was conspicuous weakness. The men seemed to be lacking in headwork at important times, with the result that players were frequently caught off the sacks with none out, while many good chances to steal were neglected.

The pitching of Ovitz, Martin, and Whipple was responsible for the defeat of several of the teams met. The former player's batting ability and steadiness give him first rank. Loell behind the bat was a powerful factor. Dunne, at first, lacked alertness, although his ability to handle wild throws made him a valuable adjunct to a rather mediocre infield. Kelley and Paterson were often found wanting in crises and were guilty of numerous errors. Giddings was a tower of strength at third and his lightning throws to first and home cut

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down many runners. The outfield was both efficient and steady, making few errors and accepting the most difficult chances. Altogether the team fielded well.

Just what Michigan's chances would have been had the Conference colleges been met is hard to conjecture. However, it seems certain that it would have had a place among the leaders.

The following is the game record for the season:

April 15, Michigan 1, Grand Rapids (Central League) 10.
April 18, Michigan 7, M. A. C. 2.
April 19, Michigan 8, M. A. C. 0.
April 20, Michigan 7, M. A. C. 2.
April 27, Michigan 2, Albion 0.
May 2, Michigan 6, Oberlin 0.
May 4, Michigan 3, D. A. C. 2.
May 7, Michigan 2, Wooster 0.
May 8, Michigan 10, Oberlin 0.
May 11, Michigan 0, Bay City (Southern Michigan League) 2.
May 16, Michigan 0, Williams 0.
May 18, Michigan 1, Alma 4.
May 20, Michigan 5, Armour 1.
May 21, Michigan 4, Notre Dame 5.
May 29, Michigan 2, M. A. C. 0.
May 30, Michigan 13, O. S. U. 3.

The following is the individual batting record of the men:

Name	Games	AB	H.	Ave.
Mellon, lf	11	46	13	.283
Kelley, 2b	15	57	16	.280
Ovitz, p	4	15	4	.287
Taft, f. and 1b	8	31	8	.258
Magarity, f. and 2b	9	40	10	.250
Wheeler, rf	16	66	16	.242
Giddings, 3b	16	57	13	.228
Paterson, ss	14	53	12	.226
Sullivan, f	10	40	9	.225
Loell, c	11	45	11	.224
Whipple, p	8	24	5	.208
Emerman, c	5	21	4	.190
Dunne, 1b	12	49	8	.163
Martin, p	3	11	1	.091
Gilbert, p	1	4	0	.000

In fielding the following is shown for the season:

	PO.	A.	E.	Ave.
Sullivan	7	0	0	1.000
Wheeler	10	0	0	1.000
Taft	51	0	1	.981
Emerman	33	4	1	.974
Loell	88	22	3	.973
Dunne	116	10	4	.969
Whipple	7	28	2	.946
Magarity	13	3	1	.941
Giddings	35	25	4	.937
Martin	5	8	1	.929
Ovitz	3	14	2	.900
Kelley	40	29	10	.873
Paterson	15	24	10	.796
Mellon	10	0	3	.769
Gilbert	0	3	2	.600

MICHIGAN 3; D. A. C. 2

In a game marked by numerous infield errors by both teams and some poor base running on the part of the varsity, Michigan defeated the all-star team of the Detroit Athletic Club on Ferry Field, May 4. The visitors were led by "Bumpus" Jones. the Detroit American League twirler, and Jerry Utley, who played on the Michigan nine in 1903, covered third base. The remainder of the opposing team was composed chiefly of other professionals. Ovitz, pitching his first game for the varsity, outclassed Jones in every way, striking out nine men and allowing only four hits against twice as many gleaned from the visitor's delivery. At bat Loell, Wheeler, and Paterson were the stars, each getting two hits.

	1	2	3	4	5	6	7	8	9	r	h	e
Michigan	1	1	0	0	1	0	0	0	x	3	8	4
D. A. C.	0	0	0	1	0	0	0	0	1	2	4	2

Summary: Sacrifice hit, Wheeler; double play, Giddings to Dunne; struck out, by Ovitz, 6; by Jones, 6; left on bases, Michigan, 6; D. A. C. 4; stolen bases, Mellon, Paterson; bases on balls, off Ovitz, 2; off Jones, 2; balk, Jones; earned runs, Michigan, 1; D. A. C., 1. Time 1:50. Attendance, 600. Umpire, Byron.

OHIO COLLEGES YIELD TWO VICTORIES

On a two days' trip down into Ohio the varsity met and defeated on successive days the teams of both Wooster and Oberlin universities. Both games were shutouts for Michigan. On May 7 Whipple, aided by perfect support, blanked Wooster in a 2-0 game.

The score by innings:

	1	2	3	4	5	6	7	8	9	r	h	e
Wooster	0	0	0	0	0	0	0	0	0	0	5	5
Michigan	0	1	0	0	1	0	0	0	0	2	5	0

The game against Oberlin proved nothing more than a chance for Coach Lowe's men to fatten their batting averages. as they obtained 14 safe hits off the Congregationalists' pitcher. Martin, who has not been able to play before in the season on account of illness, allowed the Buckeyes only two safe hits. He was aided by errorless support.

The score by innings:

	1	2	3	4	5	6	7	8	9	r	h	e
Oberlin	0	0	0	0	0	0	0	0	0	0	2	5
Michigan	0	0	0	4	0	0	1	3	2	10	14	0

Wet grounds necessitated the postponement of the game scheduled to be played on Ferry Field with Notre Dame, May 10.

MICHIGAN 0; BAY CITY 2

Even though the collegians made eight hits they lost their game on the bases to the Bay City league team at Bay City, May 11. Whipple allowed the professionals only two hits but four errors on the part of the varsity when in critical places were responsible for the tallies.

The score by innings:

	1	2	3	4	5	6	7	8	9	r	h	e
Bay City	0	0	0	2	0	0	0	0	x	2	2	2
Michigan	0	0	0	0	0	0	0	0	0	0	8	4

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MICHIGAN 0; WILLIAMS 0; THIRTEEN INNINGS

Darkness put an end to as remarkable an exhibition of baseball as has ever been seen on Ferry Field, when, on May 16, the teams of Williams and Michigan left the grounds at the end of thirteen innings of splendid playing with the score a tie, 0-0. The east and the west were seemingly on a par and time after time, one or the other of the contestants would get men on bases only to see the opposing pitcher and fielders make a run impossible.

Even Williams said that Michigan played a shade the better ball. This fact was evidenced when three times the home team filled the bases, but Michigan's inability to hit in pinches and the weakness of her baserunners lost the game. In the eighth inning with three men on bases and none out Sullivan, on third, attempted to score with the ball between the batter and the pitcher. He was an easy out. With two men on bases and one out Dunne struck out and Paterson ended the inning with an infield fly. In the second, with three men on the sacks and but one out, Loell and Ovitz were unable to get any kind of a hit.

Ovitz' pitching however, was sensational. He seemed to grow stronger as the game progressed and all through was slightly the superior of the easterner. In the eleventh inning he threw only three balls across the plate. Three hits and eleven strikeouts show how well his curves deceived the easterners.

Ford, besides striking out ten of the batsmen who faced him proved himself an adept at getting out of tight places as Michigan's zero score eloquently demonstrates.

Williams was dangerous in only two innings. In the third Lewis and Ford were safe on first and second on errors and both advanced on Young's out. It was at this point that Giddings the Michigan third baseman saved the day by a brilliant stop of Water's hard grounder and a perfect throw to the plate just nipping Lewis. A moment later Giddings retired the side by getting Wadsworth's foul after a hard sprint. In the ninth Wadsworth, the first purple player up, cracked out a two-bagger and on the next ball pitched stole third. But Ovitz rose to the occasion, striking out the next two men. Giddings again proved the mainstay of the infield by fielding a burning grounder in time to cut off the runner.

The score by innings:

Williams

	AB	R	H	O	A	E
Young, ss	6	0	0	0	4	0
Waters, c	5	0	0	13	4	0
Wadsworth, 2b	5	0	2	4	0	1
Warren, cf	4	0	0	0	0	0
Templeton, rf	5	0	0	2	1	0
Harman, 1b	5	0	0	14	0	0
Osterhout, lf	5	0	0	2	0	0
Lewis, 3b	5	0	1	4	3	0
Ford, p	5	0	0	0	4	0
	45	0	3	39	16	1

Michigan

	AB	R	H	O	A	E
Wheeler, rf	5	0	0	3	0	0
Mellon, lf	6	0	1	0	0	0
Sullivan, cf	5	0	0	1	0	0
Kelley, 2b	3	0	0	1	4	1
Giddings, 3b	3	0	0	3	3	0
Dunne, 1b	5	0	1	15	1	1
Paterson, ss	4	0	2	0	2	1
Loell, c	5	0	2	14	0	0
Ovitz, p	5	0	0	2	6	0
	41	0	6	39	16	2

	1	2	3	4	5	6	7	8	9	10	11	12	13	
W	0	0	0	0	0	0	0	0	0	0	0	0	0	—0
M	0	0	0	0	0	0	0	0	0	0	0	0	0	—0

Summary: Two-base hits, Paterson, Wadsworth; sacrifice hits, Sullivan, Paterson; bases on balls, off Ovitz, 1; off Ford, 6; hit by pitcher, Kelley; struck out, by Ovitz, 11; by Ford, 10; left on bases, Michigan, 9; Williams, 5; Double play, Templeton to Harman; stolen bases, Sullivan 2, Kelley, Waters, Wadsworth 2, Warren, Lewis; passed balls, by Loell 2; by Waters 1. Time, 2:35. Attendance, 1,200. Umpire, Byron.

MICHIGAN 1; ALMA 4

On the way to play Armour Institute at Chicago the Michigan team stopped at Alma College long enough to be defeated by the team of that school. May 18 was an off day for the varsity and four fielding errors at critical periods allowed as many runs to be tallied. The best Michigan could do was to get five scratch hits off the delivery of Mills and failure at the bat left several prospective runs to die on the bases.

The score by innings:

	1	2	3	4	5	6	7	8	9	r	h	e
Alma	0	3	1	0	0	0	0	0	0	—4	5	4
Michigan	1	0	0	0	0	0	0	0	0	—1	5	4

MICHIGAN 5; ARMOUR INSTITUTE 1

On May 20 Armour Institute went down in defeat on Ogden Field, Chicago, in a well played game with the Varsity by the score of 5 to 1. The contest was notable for the fact that in it Coach Lowe's men showed that they really knew how to bat, four two-baggers in one inning being the convincing argument.

Michigan took the lead at the start, Sullivan hitting out the first home run of the season. In the fourth Kelly, Giddings, Loell and Martin each negotiated a two-base hit. These, with a base on balls, were

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responsible for four runs. Armour's lone tally came in this inning, and afterwards the Chicago team never threatened to cross the home plate.

The score by innings:

	1	2	3	4	5	6	7	8	9	
Michigan	1	0	0	4	0	0	0	0	0	—5
Armour	0	0	0	1	0	0	0	0	0	—1

Summary: Two-base hits, Ahern, Kelley, Giddings, Loell, Martin; home run, Sullivan; stolen bases, Wheeler, Paterson, Urson, Lemmon; bases on balls, off Martin 3; off Trinkhaus 2; double play, Trinkhaus to McCauley; struck out, by Martin 8; by Trinkhaus 9; passed balls, Loell, Smith 2. Time of game, 2 hours. Umpire, Pickett.

MICHIGAN 4; NOTRE DAME 5

By defeating Michigan on May 21, the Notre Dame team won its eighteenth consecutive victory and practically clinched its claims to the Western championship. The game was characterized by hard hitting, but, throughout, Michigan was unable to convert many of them into runs.

After playing an uphill game for eight innings, the Varsity took advantage of the opposing pitcher's weakness in the ninth and by a splendid rally tied the score. The game was lost a moment later when Paterson's wild throw over first let in Notre Dame's winning run.

The Indiana team took the lead at the start, two singles, and as many doubles bringing three runs across home plate in the first inning. In the second an error and two outs let in one more. After that Ovitz settled down and held his hard hitting opponents safe.

Michigan got one tally in the third on hits by Paterson and Ovitz and an overthrow at third. After that neither team could approach a score until the ninth. Sullivan opened the inning with a clean single and stole second. Kelley was an easy out. Giddings and Magarity singled, the last named scoring Sullivan and Paterson was given a base on balls, filling the sacks. Loell drove a single over second, scoring two runners. With men on second and third and only one out the Indiana pitcher steadied down and retired the side.

With the score a tie in the last half of the ninth a single, a sacrifice, and a grounder and a fielder's error let in the winning run.

The score by innings:

	1	2	3	4	5	6	7	8	9	
Michigan	0	0	1	0	0	0	0	0	3	—4
Notre Dame	3	1	0	0	0	0	0	0	1	—5

Summary: Two-base hits, Curtis, Brogan; three-base hit, Dubuc; sacrifice hit, Bowman; bases on balls, off Dubuc 1; off Ovitz 1; struck out, by Ovitz 5; by Dubuc 5; hit by pitched ball, Bowman; double plays, Boyle to Farahaugh 2; stolen bases, Sullivan, Ovitz, Curtis. Time of game, 1:30. Attendance, 500. Umpire, Tindell.

MICHIGAN 13; OHIO STATE 3

On Memorial Day the varsity closed the season by overwhelming the team from Ohio State University in a ragged contest on Ferry Field. The game was almost featureless, for, though hits, runs, and errors were made with great frequency, the element of competition was lacking. Ovitz played a good game, striking out 11 men and getting a clean three bagger. Magarity led the batting with a three bagger and a single.

The score by innings:

	1	2	3	4	5	6	7	8	9	r	h	e
O. S. U.	0	2	0	0	0	0	1	0	0	—3	6	14
Michigan	0	6	4	0	0	3	0	0	*	—13	8	7

CHICAGO SCHOOL WINS INTERSCHOLASTIC MEET.

Morgan Park Academy of Chicago won he Tenth Annual Interscholastic Track and Field Meet held at Ann Arbor on May 24-25, with Grand Rapids High School a close second. The meet was hotly contested throughout and at the finish the two leaders were separated by only 1 1-2 points. Detroit Central High School was third by the same narrow margin.

Horner, of Grand Rapids, was the individual star of the meet, winning 20 points for his school. His mark in the pole vault, 11 feet 3 inches, and in the 12 pound shot put, 50 feet 4 inches, are both new records. Besides these two firsts, the Valley City star took second in both the hurdle events and third in the discus and in the hammer throw. The extraordinary work of Mills of Morgan Park was largely responsible for the victory of his team. He gathered in 18 points alone, taking first in the 100, 220, and 440 yard dashes and second in the broad jump.

The winning school received the beautiful silk banner given by the Michigan Athletic Association under whose auspices the meet was held. Medals were awarded to the point winners in each event.

The final scores of the schools entered was as follows:

The following is the complete list of the pennant winners:

1898—Lansing.
1899—Detroit Central High.
1900—Ann Arbor and Grand Rapids tied.
1901—Detroit Central High.
1902—Detroit University School.
1903—Lewis Institute.
1904—Detroit University School.
1905—Detroit University School.
1906—Lewis Institute.
1907—Morgan Park.

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CAMPUS CALENDAR

PAST EVENTS

MAY

ATHLETICS

Wednesday, 1.—The baseball score was 6 to 0 against Oberlin.—The sophomore engineers awarded basketball numerals and appointed committees for the fresh-soph contests.

Saturday, 4.—The Women's Athletic Association held their annual auction of articles found in the gymnasium.—The Varsity nine defeated the Detroit Athletic Club with a score of 3 to 2.

Tuesday, 7.—The '07 medics won from the '08 medics 4 to 2 at the fair grounds.—The freshman and junior law teams scored a tie of 9 to 9 at Ferry Field.—The Varsity nine defeated Wooster with a score of 2 to 0.

Wednesday, 8.—The results of the Women's Athletic Association election were announced as follows: President, Margaret Turner, '08, Escanaba; vice-president, Myrtle White, '10, Coldwater; secretary, Olga L. Bridgman, '10*m*, Jackson; treasurer, Katherine P. King, '09, Pekin, China; senior representative, Marie A. Ruhlman, '08, Detroit; junior representative, Clara L. Trueblood, '09, Ann Arbor; sophomore representative, Anna L. Woessner, '10, Ann Arbor.—Michigan defeated Oberlin 10 to 0 at Oberlin.

Friday, 10.—The freshman lits and medics scored against the sophomore teams of their respective departments.

Saturday, 11.—The annual Varsity meet was held on Ferry Field.—Michigan was defeated by the Bay City league team with a score of 2 to 0.—The novice cross country race was won by Donald C. May, '10, Ann Arbor, who established the record of 21 minutes 27 seconds.—The Cross Country Club elected the following officers: President, Harry L. Coe, '08*e*, Ann Arbor; captain, Floyd A. Rowe, '08*e*, Battle Creek; secretary and treasurer, Gayle A. Dull, '08, Detroit; trustees, Arthur W. Bohnsack, '10, Chicago, and Glenn L. Tower, '08*e*, Ann Arbor.—The first games of the tennis tournament were held on the Ferry Field courts.

Monday, 13.—The freshman laws defeated the junior laws 21 to 13.—The pharmics scored the homeops 3 to 1.

Tuesday, 14.—The junior engineers won from the freshmen with a score of 5 to 4.

Thursday, 16.—After a game of thirteen innings the Varsity and Williams College teams still scored 0 to 0.

Saturday, 18.—The tennis team left for Cleveland to play Oberlin.—Alma College defeated the Varsity nine 4 to 1.—Michigan was victor in the meet with Ohio State University.—The freshman track team defeated Detroit University School with a score of 75 to 38.

Monday, 20.—The Varsity defeated Armour Institute with a score of 5 to 1.—The freshman lits won from the sophomores in interclass baseball, and the senior laws defeated the freshmen of their department.—The junior girls won the indoor baseball championship.

Tuesday, 21.—The Varsity lost the game with Notre Dame by a score of 5 to 4.

Thursday, 23.—The fresh-soph outdoor meet was held on Ferry Field.

Saturday, 25.—The election of student members of the Athletic Board of Control resulted in the choice of Stephen Downey, '08*l*, Laramie, Wyo.; Harry Hill, '07, Edinburg, Ill.; Edward N. Stimson, '08*e*, Detroit; John T. Sample, '08*m*, Saginaw.

Tuesday, 28.—The track team left for the Intercollegiate meet at Cambridge, Mass.—The senior laws won from the junior engineers 5 to 0.—The freshman lits defeated the pharmics 8 to 3 in seven innings.

Wednesday, 29.—The Varsity defeated Michigan Agricultural College, 2 to 0.

Friday, 31.—The freshman lits won the interclass final with a score of 3 to 1 against the senior laws.

CLASSES, SOCIETIES AND CLUBS

Thursday, 2.—The girls' Empire State Club held its second annual banquet.—The Engineering Social Club held a dance at Granger's.

Saturday, 4.—The Woman's League ended the year's activities with a comedy and dance in Barbour Gymnasium.—The fresh laws held their annual banquet at Whitmore Lake.—The Woman's League election resulted as follows: President, Olive Bucks, '08, Aurora, Ill.; vice-president, May L. Baker, '08, Bay City; treasurer, Persis M. Goeschel, '08, Saginaw; recording secretary, Helen M. Martin, '08, Lapeer; corresponding secretary, Katherine C. Post, '09, Holland; chairman of social committee, Henrietta Carr, '08, Detroit.

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Tuesday, 7.—The Comedy Club met to consider reorganization and important changes for another year.

Wednesday, 8.—Michigamua held its annual initiation and pow-wow.

Friday, 10.—The Musical Clubs started on their spring tour.

Saturday, 11.—The Omega Phi gave a senior program.

Tuesday, 14.—The Sphinx society held their initiation.—The junior girls presented a farce written by Eleanor Demmon, '08, Ann Arbor, Marjorie Fenton, '08, Washington, D. C., Barbara McAlvay, '08, Lansing, and Isabella R. Watt, '08, Ann Arbor, in honor of the seniors.—The junior medics banqueted at Whitmore Lake.

Wednesday, 15.—The junior engineers held a dance in Barbour Gymnasium.

Thursday, 16.—The seniors gathered about the senior bench at 7 p. m. for the first of their weekly song meetings.—The senior engineers banqueted at the Cook House.—The junior lits held a banquet at Whitmore Lake.

Saturday, 18.—The annual cup debate between the Adelphi and Jeffersonian societies was won by the Adelphis.

Monday, 20.—The freshman lits held a dance at Granger's Academy.—The Barristers held an initiation.

Tuesday, 21.—The sophomore engineers held their first annual dance.—The Triangles held an initiation and banquet.—The Fencing Club elected officers.

Thursday, 23.—The Temperance Research Club held the last meeting of the year and discussed the subject: Resolved, that the saloon cannot be abolished by prohibition.

Saturday, 25.—The Toastmasters' Club held their annual banquet at Whitmore Lake.—The Girls' Glee Club elected the following officers: President, Bertha L. Shuey, '08, Toledo; vice-president, Grace I. Jeffries, '09, Detroit; secretary-treasurer, Fern I. Fleming, '08, Detroit.—The senior pharmics made their annual trip to the laboratories of Parke, Davis & Co.

Tuesday, 28.—The sophomore lits banqueted at Whitmore Lake.—The newly elected members of Phi Beta Kappa held their first annual banquet in Barbour Gymnasium.—The Cercle Francais elected officers as follows: President, Hiram S. Cody, '09, Chicago; vice-president, Helen F. Boughton, '10, Battle Creek; secretary, Helen C. Bradley, '09, Putnam, Conn.; treasurer, Samuel B. Standish, '10, Detroit; director et regisseur, M. Beziat de Bordes.

Wednesday, 29—The Huron River Canoe Club held a water carnival.—The Webster society held their annual "Aufweidersehen."

ENTERTAINMENTS AND ADDRESSES

Friday, 3.—"Le Bourgeois Gentilhomme" was given by the Cercle Francais in Sarah Caswell Angell Hall.—Professor Hobbs lectured before the Sigma Xi society on the "Grand Eruption of Vesuvius."

Saturday, 4.—The Ern String Quartet gave the second concert for the benefit of the Michigan Union under the direction of Henri Ern, head of the violin department of the University School of Music.

Tuesday, 14.—Graham Taylor, Jr., gave an address on the smaller recreation parks of Chicago in the Museum lecture room.—Dr. Lee H. Cone addressed the Junior Research Society on "The Color and Constitution of Organic Compounds."

Wednesday, 22.—Dr. J. Perry Worden gave a public lecture on "Weimar," under the auspices of the German Department.

Friday, 24.—John Corbin, formerly dramatic editor of the New York *Sun*, spoke on "The University and the Stage," in Tappan Hall.—The musical clubs gave a concert in University Hall.—The last of the Ern String Quartet concerts for the benefit of the Michigan Union was held in Sarah Caswell Angell Hall.

RELIGION

Sunday, 12.—Rev. Carl S. Patton of the Congregational church began a series of evening talks on "Religion in English Poetry."

GENERAL

Thursday, 2.—The board of directors of the Michigan Union announced that the newly purchased Cooley place would be thrown open for student use next fall.

Wednesday, 8.—The May Festival began the first four day series ever held here.—The Regents assembled for their regular session.

Thursday, 9.—The senior swingout was participated in by lits, engineers, and laws.—The "Messiah" was given in the May Festival series of concerts.

Friday, 10.—The Woman's League served a May Festival supper to over two hundred persons.

Wednesday, 15.—The Michiganensian, the senior year book, was placed on sale in all departments of the University.—A freshman mass meeting was held in University Hall to arouse enthusiasm for the spring contests.

Friday, 17.—The sophomores won in the tug-of-war across the Huron and also succeeded in placing the rock on the Campus.

Saturday, 18.—The freshmen won the push ball contest and two of the relay

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races in the interclass contests. The final score, however, was 3 to 2 in favor of the sophomores.

Wednesday, 22.—The Board of Control of Student Publications announced the choice of Frank G. Tompkins, '07, Battle Creek, as managing editor of the *Inlander*, and Donald H. Haines, '09, Kalamazoo, as literary editor. The plan for an alternate *Inlander* and *Wrinkle* was approved.

Saturday, 25.—The first annual dinner for Michigan alumnæ and girl students was held in Barbour Gymnasium.—The election of officers of the Michigan Union resulted as follows: President, Herbert W. Clark, '05, '08*l*, Las Vegas, N. Mex.; secretary, George B. Wheeler, '08*e*, Cortland, N. Y; vice-presidents: Walle W. Merritt, '08, Portland, Ore.; George H. Knutson, '08*e*, Muskegon; Harry E. Patrick, '07, '09*m*, Detroit; James A. Connery, '08*d*, Saginaw; Arthur F. Friedman, '08*l*, Denver, Colo.

ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

BANQUET OF THE COPPER COUNTRY ALUMNI.

Michigan graduates in the Copper Country to the number of almost eighty held the first reunion dinner at the Scott Hotel, Hancock, Mich., May 14. At the conclusion of this meeting, one of the first ever held in the Northern Peninsula, the first Alumni Association north of the Straits was organized. Hon. Norman W. Haire, '80, '85*l*, was chosen president; Estelle L. Hunt, '05, vice-president; William J. Galbraith, '94*l*, secretary, with Estelle L. Hunt, '05, Emma E. Larson, '02, Frank V. Condon, '01*l*, Katherine M. Stewart, '98, and Edward V. Howlett, '02, as executive committee.

The dinner was held in the banquet hall of the Scott Hotel which was decorated with smilax, ferns, and Michigan banners. Hon. Norman W. Haire, '80, '85*l*, acted as toastmaster and after the Yellow and Blue closed the program, he called upon Emma E. Larson, '02, for a toast on "the Growth of Sociability among the Co-Eds." She was followed by William H. Dodge, '89*m*, of Hancock, who responded to the toast, "Dr. Angell." The Hon. William J. Galbraith, '94*l*, followed with a toast upon "the University and the State" in which he outlined the urgent need of the University for more money. In one part of his speech Mr. Galbraith said:

"Last year, the income of the state institution was approximately $701,000. The expenditures amounted to $650,000, leaving a balance of $50,000 at the close of the year. By July 1 next this balance saved will have been raised to $125,000. But, in saving this sum it would appear as if the money were stolen from the students and professors. This was done to put the money into a new dental building." 'How was this $125,000 saved,' asked Mr. Galbraith. In reply he said it was by allowing the heating plant to go to wreck and to suffer the loss of two or three professors, because of increased salaries offered them elsewhere.

The toastmaster in commenting upon Mr. Galbraith's speech, emphasized the fact that such organizations as that just organized in the Copper Country would prove most efficient backing for legislative action for the University's needs. He then called upon Dr. William H. Hall, of Calumet, one of the old graduates, who gave some interesting reminiscences of his days at the University. Fred S. Norcross, Captain of the '05 Michigan football team and now attending the Michigan College of Mines, responded to the toast "University Athletics." Impromptu speeches were also made by Estelle L. Hunt, '05, who was the originator of the movement looking toward the organization of the Copper Country Alumni, Matthew J. Walsh, '98, Albert G. Coggin, '00*d*, Jeremiah T. Finnegan, '72*l*, Charles H. Rodi, '80*p*, '82*m*, and John C. Condon, '96*e*. Following the speeches the business meeting was held and resulted in the election as given above.

CHICAGO ENGINEERING ALUMNI BANQUET.

The Chicago Engineering Alumni of the University held their annual dinner, May 25 at the Union Restaurant, Chicago. About sixty alumni were present with Dean Cooley and Professors Patterson, Ziwet, Denison, and Sadler of the Faculty, present. After dinner a discussion was held upon the topic, "How can the Alumni Assist the University." Harry R. King, '94*e*, president of the Chicago Engineering Society, acted as toastmaster of the evening. Dean Cooley gave an account of the work of the

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Engineering Department and discussed general questions concerning the Engineering course. Professor George W. Patterson in the next speech took up the question of a six year combined Literary and Engineering course. Professor Alexander Ziwet discussed the Engineering library, and Professor Denison the subject of entrance requirements and drawing. The question of the research side of engineering was assigned to Professor H. C. Sadler, who showed where the alumni could be of great assistance in suggesting problems to be investigated. The Work of the Consulting Engineer, was the subject of a speech by James N. Hatch, *'92e*, who emphasized the necessity of co-operation among engineers themselves with the University. C. S. Jenison, '68, the designer of the main wing of University Hall, discussed the advisability of sending or not sending a young man to college and brought out some interesting points on both sides. Other speakers were John D. Hibbard, *'87e*, Dwight B. Cheever, *'91e*, Ray F. Smith, *'06e*, and Charles A. Pratt, *'89-'91*, all of whom gave a great deal of interesting and valuable information, in telling of their experiences in connection with their work at the University and the engineering profession; they also made many suggestions as to what might be added to the engineering course and what points particularly emphasized.

NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'65

'65. Edward P. Goodrich, Ann Arbor, Secretary.

Bluford B. Wilson, '65, is practicing law at Springfield, Ill., and may be addressed at the Booth Bldg.

Philip F. Harvey, *m'63-'64*, was graduated in medicine at Iowa University in 1864 and from Bellevue in 1866. He has filled various official positions connected with the United States army and may any time be addressed care of Surgeon Gen'l's Office, Washington, D. C. His present address is 586-7 Federal Bldg., Chicago, Ill.

Thos. B. Emerson, *m'63-'64*, may be addressed at Cedar Rapids, Ia.

'67

'67 Jabez Montgomery, Ann Arbor, Secretary.

The class of '67 will hold its fourth decennial reunion on Alumni Day, Wednesday, June 19, 1907 **See page 349.**

Reuben A. Gibson, *'67l*, is travelling for law publications and may be addressed care of James K. Gibson, Vassar, Mich.

'72

'72. Louis H. Jennings, 101 Washington St., Chicago, Secretary.

Jackson Morrow, *'72*, is police commissioner at Kokomo, Ind.

Elam Fisher, *'72l*, is circuit judge at Eaton, Ohio.

Lemuel A. Esteb, *'72l*, is mayor of Echo, Ore.

'73

'73. William M. Carrier, First National Bank Bldg., Flint, Mich., Secretary.

Samuel T. Douglas, *'73*, Ph.M. *'76*, *'74p*, is a member of the law firm of Bowen, Douglas, Whiting & Murfin. Address, Moffat Bldg., Detroit, Mich.

James S. Alford, *m'71-'72*, M.D. (Rush) *'78*, has been in active practice at Zionsville, Ind., for nearly thirty years.

Benjamin C. Stevens, *'73m*, is one of the leading physicians at Logansport, Ind.

George W. Cass, *73l*, may be addressed at Douglas, Ariz.

Thomas H. Gault, *'73l*, is now in his thirty-fourth year in the active practice of law in Chicago. Address, 1680 W. Congress St., or 108 LaSalle St.

James Cruickshank, *'73l*, may be addressed at Little River, Halifax Co., Nova Scotia.

'75

'75. Augustus J. C. Stellwagen, Detroit, Secretary.

William T. Brooks, *'75l*, is postmaster at Broken Arrow, I. T.

William C. Outten, *'75l*, is a member of the law firm of Outten, Roby, Ewing & McCullogh, at Decatur, Ill.

Hood P. Loveland, *'75l*, is postmaster at Peru, Ind.

John A. Hildreth, *m'74-'75*, may be addressed at Newaygo, Mich.

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Benjamin F. Harness, '76*l*, is judge of the Indiana Superior Court, Howard and Grant counties, and resides at Kokomo, Ind.

'77

'77 Herbert M. Slauson, Ann Arbor, Secretary.
'77 m. O. S. Armstrong, 801 Washington Arcade Detroit, Secretary.
The class of '77 in all departments will hold its third decennial reunion on Alumni Day, June 19, 1907. Literary headquarters, Room 9, University Hall; Law, Room F, Law Building.

George P. Brown, '77, has changed his address from 535 Decatur St., to 949 Park Place, Brooklyn, N. Y.

Mrs. Euphemia J. Howell, '77*m*, may be addressed at Eagle Bend, Minn.

Orville B. Batchelder, '77*m*, is located at Holderness, N. H., for the present. His permanent address is Batchelder House, Ashland, Ore.

William D. Harnist, *m*'75-'76, is proprietor of a large drug store at Edwardsville, Ill.

'79

David M. Cattell, '79*d*, may be addressed at 625½ Church St., Nashville, Tenn.

George Hempl, '79, of Leland Stanford University, attended the meeting of the Carnegie simplified spelling board held in New York on April 3.

William W. Nash, '75-'77, is treasurer of the King & Hamilton Company, manufacturers of farming implements at Ottawa, Ill.

'81

'81. Homer H. Kingsley, Evanston, Ill., Directory Editor.

Delos L. Parker, '81, '83*m*, is practicing at 559 Jefferson Ave., Detroit.

Rev. William F. Dodge, '77-'79, may be addressed at 1495 N. Raymond Ave., Pasadena, Calif.

Cassius C. Shirley, '81*l*, formerly of Kokomo, Ind., may now be addressed at Indianapolis, Ind., care of the law firm, Miller, Shirley & Miller.

'82

'82. Junius E. Beal, Ann Arbor, Secretary.
The next reunion of the class of 1882 will be held on the Campus in Ann Arbor, Commencement week, June, 1907, Headquarters, Room 17. U. H. luncheon at secretary's home.
'82l. David S. Frackelton, Flint, Mich., has taken charge of reunion Headquarters, Room D, Law Building.

Albert B. Hale, '82, is contributing a series of ten articles on the South American situation to the Reader Magazine. He is now at work on a book on South America which will be published later in the year. Mr. Hale has gathered his material from wide personal experience. He may be addressed at 103 State St., Chicago, Ill.

Orlando W. Whitelock, '82*l*, is president of the News Publishing Company and editor of the *News-Democrat*, at Huntington, Ind.

William H. Davis, '82*h*, has been the western representative of Parke, Davis & Co., Detroit, Mich., for some years. His present address is 1201 Fell St., San Francisco.

'83

Marietta Haslep, '83*m*, is practicing at 43 Willoughby Bldg., Indianapolis, Ind.

Frank W. Lamey, '83*l*, may be addressed at Springfield, Ill.

John M. Hayes, *l*'81-'83, is located at Mountain Park, Okla.

William G. Kinney, '83*l*, may be addressed at Honolulu, Hawaii.

David R. Lusher, '83*l*, resides at Newport, Wash.

Thomas J. Logan, '83*l*, is United States commissioner at Fort Wayne, Ind., and may be addressed at the Federal Bldg.

'84

'84. Mrs. Fred N. Scott, Ann Arbor, Secretary.

Lucretia Craig Helfenstein, *m*'82-'83, may be addressed at 349 Corwin St., Defiance, O.

Charles W. Miller, '84*l*, ex-Attorney General of Indiana, is now practicing law at Goshen, Ind., under the firm name, Hubbell, Drake & Miller. Schuyler C. Hubbell, '90-'91, '95*l*, and James S. Drake, '74*l*, are also Michigan alumni.

'86

Nat E. Degen, '86, is general agent for the Equitable Life Ins. Co., with headquarters at Traverse City, Mich.

John N. James, '86, may be addressed at Morrison Observatory, Glasgow, Mo.

William M. Clary, '86*l*, may be addressed at Concordia, Kans.

'89

Eugene L. McAllaster, '89, is a member of the firm McAllaster & Bennett, consulting and constructing engineers and naval architects, Seattle, Wash.

Frank A. Waples, '89, '93*m*, has removed to Cody, Wyo., where he has charge of a $10,000 hospital recently erected.

Charles J. Search, '85-'89, has changed his address in Brooklyn, N. Y., from 168 Putnam Ave., to 453 Franklin Ave.

John W. O'Hara, *l*'87-'88, of Peru, Ind., is now Minister to Uraguay, South America, and resides at Montevideo.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Hildegard Lodeman, '86-'87, is now at Solln bei Muenchen, Bavaria, Ger.

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Elmer H. Neff, '90*e*, M.E. '01, has changed his address from Jersey City, N. J., to 69 Oakwood Ave., Upper Montclair, N. J.

George A. Katzenberger, '90*l*, of Greenville, Ohio, was elected secretary and treasurer of the executive council of the legal fraternity, Phi Delta Phi, at the tenth general convention held at Columbus, Ohio, May 14 and 15. Professor Floyd R. Mechem, A.M. (hon.) '94, of the University of Chicago, is president of the council.

Edgar E. Kelsey, '90*l*, is manager of the Huntington Abstract Company, at Huntington, Ind.

Joseph N. Tillett, '90*l*, is judge of the circuit court at Peru, Ind.

Frank O. Housken, '90*l*, is practicing at Tracy, Calif.

Rev. Wilson R. Buxton, *l*'88-'89, may be addressed at Millis, Mass.

Conrad Wolf, '90*l*, is county attorney at Kokomo, Ind.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.
'91l. Harry D. Jewell, Procate Court, Grand Rapids, Directory Editor.

Mary C. Bancker, '91, Ph.M. '92, may be addressed at 20 W. 104th St., New York City.

Mary N. Lovell, '87-'88 (Mrs. W. J. Smith) may be addressed at 161 Maple St., Battle Creek, Mich

Benjamin F. Chase, '91*l*, formerly American consul at Catania, Sicily, is now practicing law at Clearfield, Pa.

William J. Whitaker, '91*l*, is Judge of Probate at Terre Haute, Ind.

William Kaufman, '91*l*, is practicing law at 1212 Berger Bldg., Pittsburg, Pa.

Jacob B. Kaufman, *l*'89-'91, is engaged in the furniture business at Cincinnati, Ohio.

Irenaeus C. Lindley, '91*l*, is an attorney-at-law at Nevada City, Calif.

'92

'92. Frederick L. Dunlap, Bur. of Chem., Dept. of Agriculture, Washington, D. C., Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.
'92m. Theophil Klingman, Ann Arbor, Secretary.

Eugene G. Fassett, '92, of the law firm Fassett & Andrews, announces the removal of their offices in the Marquette Bldg., Chicago, to Rooms 1227-29.

Coral E. Leigh, '88-'89, (Mrs. F. L. Moore), is living a Cheyenne, Wyo.

John K. Earp, '88-'89, is a member of the Earp & Kelley Lumber Company, at Oil City, Pa.

Genevieve Sheehan, '92, has been appointed principal of the high school at Charlotte, Mich.

Frank M. Morrison, '92, is now a member of the faculty of the University of Washington, Seattle, Wash.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Carey L. Smith, *l*'91-'92, is president of Smith Bros. Mfg. Co., Indianapolis, Ind., and resides at 1846 Central Ave.

Hiram Powers, '93*l*, may be addressed at 904 Lexington Ave., N. Y. City.

Ernest F. Binford, '93*l*, is employed as credit man by Swift & Co., and may be addressed at 6555 Ingleside Ave., Chicago, Ill.

Lily Englemann, '90-'91 Mrs. Louis Jacob Ochs), may be addressed at 347 5th St., Manistee, Mich.

Albert H. Lawrence, '90-'91, may be addressed at West Nicholson, Rhodesia, Africa.

George A. Lawrence, '90-'91, has changed his address in New York City to 10 E. 58th St.

Leroy L. Janes, '90-'92, *p*'93-'94, may be addressed at Hartford, Conn.

Lucy H. Fletcher, '90-'91 (Mrs. Bolton C. Brown), is now residing at Woodstock, N. Y.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Robert Clute, '91-'92, is superintendent of schools at Manila, P. I.

James S. Handy, '95, '97*l*, has resigned his secretaryship of the Civil Service Reform Association to become civil service commissioner for Cook County. His address is 5221 Washington Ave., Chicago, Ill.

Frances E. Hartley, '95 (Mrs. Daniel N. Shoemaker), resides at Tacoma Park, D. C.

Ronoldo M. Cooper, '95*l*, is Police Judge of Kokomo, Ind.

John T. Hays, '95*l*, may be addressed at Republic, Mo. R. F. D. 2.

Henry J. Bowerfind, '95*p*, is secretary and manager of the Fort Wayne Drug Company, 115 W. Jefferson St., Fort Wayne, Ind.

'96

'96l. Ray G. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.
96l. Dwight B. Cheever, Monadnock Block, Ray G. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Simon C. Hedrick, *m*'92-'93, is now in Seattle, Wash., on a business trip. His home is 1227 Genesee Ave., Saginaw, Mich.

Mary Stone, '96*m*, has been in charge

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of the medical department of the Danforth Memorial Hospital at Kiu-Kiang, China, about 500 miles from Shanghai on the Yang-tse-Kiang, since her graduation. The hospital is well equipped and treats 14,000 cases annually. Miss Stone's English name is merely a translation of the name of her father, Shie, who was one of the early Christian converts and a victim of the Boxer insurrections.

Clarence A. Jones, '96*l*, is Judge of Probate at Springfield, Ill.

Douglas Pattison, '89-'90, '91-'92, *l*'94-'95, from Freeport, Ill., is the minority leader in the Illinois House of Representatives.

Harrison M. McCaskrin, '96*l*, has a very good law practice at Rock Island, Ill.

Luther E. Campbell, '96*l*, may be addressed at Box 252, Goldfield, Nevada.

William Carveth, '96*l*, may be addressed at 720 Jackson St., Kalamazoo, Mich.

Chandler A. Johnson, *p*'93-'94, is in the assay office of the Goldfield Reduction Co., Goldfield, Nev. His address however, is Columbia, Nev.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97*l*. William L. Hart, Alliance, Ohio, Directory Editor.
The class of '97 will hold its decennial reunion on Alumni Day, Wednesday June 19, 1907.
Literary headquarters, Room B, University Hall; law headquarters, Room D, Law Building.

Harry P. Herdman, '97, '01*l*, has removed from Zanesville, Ohio, to 223 E. Platte Ave., Colorado Springs, Colo.

Albert A. Campbell, '97, is superintendent of schools at Peru, Ind.

Charles L. R. Brown, '93-'95, has changed his address in Chicago from the Ashland Blk., to 900 First National Bank Bldg.

Jessie Keith, '97, may be addressed at Seattle, Wash.

Irving C. Woodward, '97, has removed from Chicago to San Francisco to accept a position with Harrod, Rickard & McCone.

Eunice A. Janes, '93-'94 (Mrs. Arthur H. Gooden), may be addressed at Santa Barbara, Calif.

Adelaide S. Baylor, '93-'94, Ph.B (Chicago) '97, has recently been honored with the position of superintendent of public schools at Wabash, Ind.

Frederick E. Vickers, '97*e*, is with the General Electric Company at San Francisco, Calif. Address, Union Trust Bldg.

George A. Hofstetter, '97*m*, who has been practicing at Corsicana, Tex., since graduation, has been doing special work during the past year at New York, Philadelphia and Baltimore.

Charles O. Willits, *l*'93-'94, is now city attorney at Kokomo, Ind.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Arthur G. Holbrook, *m*'95-'98, M.D. (Jefferson) '99, is practicing at Coldwater, Mich.

William H. Lutz, *l*'96-'98, may be addressed at Chester, Pa., care Mr. Harvey Wechter, 2712 W. 2nd St.

Harry L. Chapman, '99*l*, is vice-president of the People's Trust and Savings Bank, at Moline, Ill.

George C. Brainerd, '99*l*, may be addressed at Grafton, Ill.

Louis C. Cranton, '99*l*, of Lapeer, Mich., is deputy state commissioner of railroads.

Allen C. Malloy, '99*l*, has recently been chosen Grand Exalted Ruler of the Elks in Kansas. The order has twenty-four lodges in that state. Mr Malloy's home is at Hutchinson where he is city attorney.

Herbert C. King, '99*d*, is practicing at Tonopah, Nev.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00*l*. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Louis H. Ehrlich, '00*l*, announces the birth of a daughter on March 21, 1907. He may be congratulated at 704 Main St,, Kansas City, Mo.

Fred G. Folsom. *l*'96-'97, is an instructor in the law department of the University of Colorado at Boulder, Colo.

Edwin J. Bennett, '00*p*, '01-'02, is a salesman with the Toledo Furnace Co., Toledo, Ohio.

Thomas F. Halloran, *p*'96-'97, is a dealer in real estate at 467 Jackson Blvd., Chicago, Ill.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01*m*. William H. Morley, Ann Arbor, Secretary.

Margaret H. Cousen, '01 (Mrs. Peter D. Robertson), is living at 804 W. Walnut St., Kalamazoo, Mich.

Clarence L. Catherman, A.M. '01, may be addressed at Elkhart, Ind.

Jeannette Blanchard, '01 (Mrs. Frederick J. Steuber), has changed her address in St. Louis, Mo., to 1273 Goodfellow Ave.

Guy L. Noyes, '01*m*, is in charge of the department of ophthalmology and otology at the University of Missouri, Columbia, Mo.

Nancy R. Reddick, '01*p* (Mrs. Herbert E. Martin), is living at Dillon, Colo.

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'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

'02l. Gustav Stein, Mountclair, Colo., Secretary

The class of '02 will hold its first reunion on Alumni Day, Wednesday, June 19, 1907. Headquarters, Room 19, University hall. The '02 law class will meet in Room 9, Law Building.

Clare G. Fitzpatrick, '02, may be addressed at 702 Hale St., Escanaba, Mich.

Benjamin C. Loder, '02, has changed his address in New York City to 41 Lafayette Place.

Mynnie Broad, '98-'99 (Mrs. Richard D. Ewing), is living at Colchester, Colorado Springs, Colo. Her husband was a '96*e*.

Victor D. Hawkins, A.M. '02, is teaching physics and mathematics at Joliet, Ill.

Emma N. Holbrook. '02, is teaching in Taylorville, Ill.

Carl J. Barlow, '98-'99, is freight and passenger agent for the Detroit. Jackson and Chicago Railway. Address, 214 Summit St., Ypsilanti, Mich.

Margaret N. Dodds, '02 (Mrs. John Nelson), is a resident of Pittsburg Pa.

Mary O. Hunting, A.M. '02, is teaching at Simpson College, Indianola, Ia.

Mortimer B. Kennedy. '02, M.S. '03, is doing advertising work at Peoria, Ill.

Ernest S. Bates, '02, A.M. '03, has been appointed tutor in English at Columbia University for the year 1907-8. His wife, formerly Florence S. Fisher, '02, received master's degree at Columbia last year. They may be addressed at 521 W. 135th St., New York City. They will be abroad however during the summer.

Born to Dr. and Mrs. William A. Evans, of Bellaire, Mich., on Jan. 14, 1907, a son. Dr. Evans was a member of the '02*m* class and Mrs. Evans was Harriet M. Welchli, '98.

Gustavus A. Shallberg, '02*l*, has been re-elected city attorney at Moline, Ill.

Delos A. Alig, '02*l*, has his office in the State Life Bldg., Indianapolis. Ind.

Andrew Olson, *l*'99-'00, is now serving his second term as mayor of Moline, Ill.

Oscar W. Baker '02*l*, is practicing his profession at Bay City, Mich., in the Shearer Bros. Bldg., and is associated with Lee E. Jocelyn, Referee in Bankruptcy. He is making a specialty of commercial and bankruptcy business.

Earl B. Hawks, '02*l*, of Dowagiac, is engaged in accounting at Morgan Park, Ill.

Wayne H. Dyer, '02*l*, is practicing in parnership with Harry H. Whittemore, '03*l*, at E. St. Louis, Ill.

Carl G. Hunkel, *p*'98-'99, Ph.G. (Wis.) '04, is now with the Corby Co., Langdon, D. C.

Carlos J. Leight, '02*d*, is located at Sault Ste. Marie, Ontario, Can.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.

'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.

'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.

'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Stella M. Havey, '99-'01, may be addressed at 826 Howard St., Port Huron, Mich.

Maude H. Balding, '99-'00, may be addressed at 1114 W. Colfax Ave., So. Bend, Ind.

Charles R. Adams, '99-'00, *l*'00-'02, is editor of "The Commercial West," Minneapolis, Minn.

Emma M. Holbrook, '03, is critic teacher at the Central Normal College, Mt. Pleasant, Mich.

Warren C. Boyd, '03, is in the employ of the Hygienic Food Co., Battle Creek, Mich.

Hobart H. Willard, '03, A.M. '05, is studying chemistry at Harvard this year.

William J. Fyan, '03*e*, is with the Trussed Concrete Steel Company, at Detroit, Mich.

William F. Temple, '03*e*, has recently accepted a position as manager of the Toronto branch of the Stewart Hartshorn Co., and moved to Canada in April. Address, 54 River St., Toronto.

Edwin R. Vander Slice, '03*m*, and wife, Elizabeth Austin Vander Slice, '99-'02, have removed from Cheney, Neb., to University Place, Neb.

John C. Bradfield, '03*m*, is practicing at Logansport, Ind.

Franklin A. Jones, '03*m*, is practicing at Potterville, Mich.

Born to John Roy Williams, '03*m*, and wife, a daughter, Norma Ethel Williams, on May 9, 1907. Dr. Williams is practicing at Greensboro, N. Car.

Charles E Berry, '03*l*, is practicing at Eureka, Utah.

Edward G. Hoffman, '03*l*, has been reappointed County Judge at Fort Wayne, Ind.

Michael A. Jordan, '03*l*, is an attorney at Minneapolis, Minn. Address, 316 Sec. Bank Bldg.

David Jacobson, '03*l*, is practicing his profession at 516 Ashland Blk., Chicago, Ill.

Herman C. Kleene, '99-'00, '03*l*, is practicing law at Peoria, Ill.

Harley V. Pettit, *e*'02-'04, is superintend-

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ent of the Ottawa Tent Colony, Ottawa, Ill.

Thomas H. Dexter, '03*p*, is conducting a pharmacy at Oberlin, Ohio.

Rush P. Crawford, '03*d*, has removed from Sullivan, Ind., to Terre Haute, Ind.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.
'04. Kate W. McGraw, Secretary for women, Annie Wright Seminary, Tacoma, Wash.

Edith W. Kinnan, '04, is principal of the normal training school at Saginaw, Mich. Her sister, Marjorie Kinnan, '04, is assistant principal of the same school.

Sophia R. Refior, '04, is teaching mathematics in the Central High School, Toledo, O., and may be addressed at 1635 Superior St.

Mary C. Christopher, '04, is teaching at Lake Linden, Mich.

Thomas B. Roberts, '04, has changed his residence from 7151 Normal Ave., to 849 Warren Ave., Chicago. He is employed with the J. J. Badenoch Company, a local hay and grain concern, as city salesman.

Louise Lamb, '04, may be addressed at 319 Lawrence St., Charlotte, Mich.

Ray D. Lillie, '04, is reporter on the Grand Rapids Herald. Address, 49 Alexander Ave.

William D. Cramer, '04, is professor of biology in Ferris Institute, Big Rapids, Mich.

Arabel W. Clark, '04, may be addressed at Lenape, Chester Co., Pa.

Clyde F. Craig, '04, may be addressed at Ithaca, N. Y.

Grace L. Eaton, '04, is principal of the high school at Alma, Michigan.

Ruth A. Hyde, '04 (Mrs. Ralph W. McMullen), may be addressed at 305 Lyon St., Grand Rapids, Mich.

Franklin R. Dove, '04*l*, is practicing at Shelbyville, Ill.

Frank C. Hartman, '04*l*, has changed his address from the Williamson Bldg., to 523 Schofield Bldg., Cleveland, Ohio.

George W. Lindsay, LL.M. '04, is an attorney-at-law at Circleville, Ohio.

Margaret N. Dickinson, '04*l* (Mrs. A. E. W. Yale), resides at Bayport, Mich., and is practicing her profession there.

Aura A. Hoyt, '04*h*, is practicing at Battle Creek, Mich.

Thomas F. Birmingham, '04*m*, has just been re-elected city physician at Galesburg, Ill.

Charles V. Crane, '04*m*, is practicing at Tawas City, Mich.

Samuel B. Scholz, *m*'00-'02, completed his medical studies at the University of Denver and is now practicing at 1828 N. Nevada Ave., Colorado Springs, Colo.

'05

'05. G. William Barnum, Class Secretary, 170 Humboldt Blvd.
'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.
'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.
'05l. Frank C. Cole, 16 Gilmore St., Detroit, Mich., Secretary.

José B. King, '05, is living at home at 497 Congress St., Chicago. Ill.

Charles H. Estrich, A.M. '05, is teaching in the Northern State Normal at Marquette, Mich.

Inez A. Hunt, '05, is teacher of Latin at Hillsdale Home School, Spring Green, Wis.

Roy T. House, '01-'02, A.M. (Miami) '03, has been professor of modern languages at the Southwestern Normal School, Weatherford, Okla., for the past two years.

Arthur T. Hugg, '05, may be addressed at 426 Cass Ave., Detroit, Mich.

Anna Henry, '05, is teaching at Chicago Heights, Ill.

James A. Morehouse, '05*m*, is practicing at Idaho Springs, Colo.

Mandelle M. Germonde, M.E. '05, is teaching at Miss Wittleberger's school, Cleveland, Ohio.

Edmund L. Devereaux, '05*l*, has removed from Detroit, Mich., to Tacoma, Wash.

Arthur L. Bancroft, '05*l*, may be addressed at The Rookery, Chicago. He is with the general counsel of the Erie Railroad.

Albert E. Chittenden, '05*l*, is practicing law at Syracuse, N. Y. Address, 918 S. Geddes Ave.

David R. Vaughn, '01-'02, '05*l*, may be addressed at South Bend, Ind.

Don H. Elleman, '05*l*, is an attorney at law at Columbus, Kans.

Mrs. M. Andrews Bunker, '05*h*, has a flourishing practice at Cleveland, Ohio. Address, 3206 Prospect Ave.

'06

'06e. Edward J. Creighton, Canadian Bridge Co. Walkerville, Ontario, Secretary.

Edward C. Krauss, '06, is at present telegraph editor of "The Blade," Toledo, O.

Wilhelmina Hoyseth, '06, is teaching at Michigamme, Mich.

Mary J. Lombard, '04-'05, is teaching at Winona, Minn.

Mabel Mountsier, '06, may be addressed at 162 W. 80th St., N. Y. City.

Frances J. Larned, '03-'04, is teaching in the high school at Kalamazoo, Mich.

Sarah V. Chollar, '06, is working for a master's degree at Columbia University. Address, 520 W. 122nd St., New York City.

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Stanley L. Fyfe, '06*c*, is in the employ of the Thompson-Starrett Co., 51 Wall St., New York City.

Claude B. Boynton, *e*'02-'06, has recently accepted a position with an engineering company at Durango, Colo.

John F. Hincks, *p*'00-'01, '06*m*, has changed his address from Long Beach, to the Pottenger Sanitarium, Monrovia, Calif.

Chester Y. Kelley, '06*l*, has begun the practice of law at Terre Haute, Ind., and may be addressed at 314 North Sixth St.

Herbert D. Warner, '06*l*, is practicing law under the firm name of Creed and Warner, Jefferson Bldg., South Bend, Ind.

George E. Osburn, '06*l*, is practicing law at Terre Haute, Ind., and may be addressed Cor. 12th and Wabash.

Earl D. Monroe, '06*l*, is practicing law at Springfield, Ill., with his father, under the firm name of Monroe and Monroe. He is also editing a quarterly publication "Notes on the Constitutions, Statutes, Session Laws, Municipal Ordinances, and Rules of Court," published by Fiske & Co., of Springfield.

Charles G. Hubbard, '06*l*, is practicing at Kane, Pa.

James M. Fitzgerald '06*l*, may be addressed at 2702 N. 20th St., Omaha, Neb.

Harry E. Dickerman, *l*'03-'06, and William S. Cochrane, '05*l*, have formed a partnership with offices in the Iowa Bldg., Muskogee, Ind. Ter.

Nathan E. Jacobs, '06*l*, may be addressed at 305 Iowa Bldg., Muskogee, Ind. Ter.

Frank Earl, '06*l*, may be addressed at Collinsville, Okla.

Claude W. Johnson, '06*l*, may be addressed at 267 E. Erie St., Chicago, Ill.

Clyde D. Wolfe, '06*l*, may be addressed at Wewoka, Ind. Ter.

Ira G. Gorham, '06*l*, is teaching in the high school at Indianapolis, Ind. Address, 3332 N. Illinois St.

Horace Baker, '06*l*, was recently elected City Attorney of El Paso, Ill. His office is in the First National Bank Bldg.

Raymond G. St. John, '06*l*, is a mine manager at Ohio City, Colo.

Roscoe D. Jones, '06*l*, writes from 947 Steiner St., San Francisco, Calif., where he is practicing law.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

Literary Department

1866. Herman Walter Stevens, A.B., LL.B. '68, d. at Port Huron, Mich., May 15, 1907, aged 62.

Engineering Department

1898. Frederic Crossgrove Barr, B.S. (E. E.), d. at Denver, Colo., May 9, 1907, aged 30.

1898. William Jonathan Marsh, B.S. (E. E.), d. at Fairport, N. Y., April 26, 1907. aged 30. Buried at Pittsford, N. Y.

Medical Department

1866. Robert Edgerton Campbell d. in Buffalo, N. Y., May 27, 1907, aged 65.

1876. Charles Franklin West, d. in Detroit, Mich., May 14, 1907, aged 53. Buried at Chatham, Ont.

1878. Thomas Monroe Marcellus, d. at Charlottesville, Va., May 6, 1907, aged 55.

Law Department.

1866. Samuel McCartney Bower, B.S. (Ohio Wesl.) '61, d. at North Baltimore, Ohio, May 30, 1900, aged 63.

1873. George Washington Sloan, d. at Juneau, Wis., Nov. 13, 1904, aged 54.

1873. Stearns Fisher Smith, d. at Owosso, Mich., June 2, 1907, aged 71.

1875. Henry Brown Fallass, d. at Grand Rapids, Mich., May 16, 1907, aged 61.

1879. Shannon Buntin Hubbard, d. at Sandusky, Ohio, March 15, 1894, aged 37.

Dental College.

1889. Beorge Benton Chester, d. at Aiken, S. C., July 12, 1906, aged 39.

Non-Graduates.

Thomas Clarence Brown, *l*'68-'69, d. at Creighton, Nebr., April 26, 1903, aged 36. Buried at Plainview, Nebr.

Henry Wesley Carpenter, *m*'56-'57, M.D. (N. Y. Univ.) '58, d. at Oneida, N. Y., May 19, 1907, aged 72.

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Frederick Hull Cogswell, *l*'81-'82, d. at New Haven, Conn., May 16, 1907, aged 47.

Howard Gordon Colman, *p*'71-'72, d. at Kalamazoo, Mich., May 21, 1907, aged 60.

Charles Henry Crawford, *l*'68-'69, d. in Chicago, Ill., June 3, 1903, aged 59. Buried at Mendota, Ill.

William Edward Fenwick, *m*'51-'52, M.D. (Rush) '70, d. in Detroit, Mich., 1883, aged 54. Buried at Holly, Mich.

John M. Fry, *m*'61-'62, M.D. (Phila. Ecl.) '66, d. at Cleveland, Ohio, May 21, 1907, aged 76.

Alexander Grant, *m*'51-'52, M.D. (Buffalo) '55, d. at Aberdeen, S. Dak., May 8, 1907, aged 82.

Willard Greenfield, *m*'51-'52, d. at Erie, Pa., Feb. 26, 1907, aged 80.

Henry Ewing Hord, *l*'87-'88, A.B. (Yale) '86, d. at Indianapolis, Ind., March 13, 1907, aged 41.

John Kautz, *m*'61-'62, M.D. (Louisville) '75, d. at Irvington, Ind., April 24, 1907. aged 72.

Clarence Case Latta, *a*'98-'00, d. at Goshen. Ind., Sept. 17, 1905, aged 28.

Miles Linklater, *l*'92-'93, d. in the Philippine Islands. Feb., 1901, aged 32.

Julius Caesar Lung, *m*'63-'64, d. at Rochester, N. Y., March 7, 1907, aged 68.

William Gaston McFadden, *m*'55-'57, M.D. (Jefferson) '70, d. at Daytona, Fla., April 20, 1907, aged 73.

Will Marsh, *m*'79-'80, d. at El Paso, Texas, April 21, 1907, aged 52.

Charles Simpson, *m*'69-'70, M.D. (Columbia) '71, A.B. (Hamline Univ.) '69, d. at Minneapolis, Minn., May 16, 1907, aged 63.

John Johnson Sturgus, *h*'80-'82, M.D. (Phila. Hahn.) '83, B.S. (Hanover Coll.) '80, A.M. (*ibid*) '87, d. at Vashon, Wash., May 6, 1907, aged 48.

Quincy Adams Thomas, *a*'60-'62, d. at Oxford, Mich., May 24, 1907, aged 65.

Nelson Joshua Vliet, *a*'02-'04, d. in Detroit, Mich., May 29, 1907, aged 24. Buried at Clarkston, Mich.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between dnte of paper and date of event recorded.

1895. Edward Marsh St. John, '95*e*, to May Goodrich Cooper, at Galesburg, Ill., Jan. 15, 1907. Address, 1670 Pemberton Ave., Chicago.

1898. Susanne Olins Macauley, '98, to Homer Jerome Luther, June 10, 1907, at Washington, D. C. Address, Medina, N. Y.

1900. Carlos Bangs Rider, *e*'96-'97, to Violet Ida Turner, at Fenton. Mich., May 22, 1907. Address, 6565 Yale Ave., Chicago, Ill. Miss Turner is a daughter of Will C. Turner, '75, 31 Nassau St., New York, N. Y.

1902. Lucia Isabelle Voorhees, '02, A.M. '05, to George L. Grimes, instructor in mechanical engineering, 1898-1900, at Kewanee, Ill., Apr. 29, 1907. Address, 50 Horton Ave., Detroit, Mich.

1903. Walter Gelvin Bain, '03, M.D. (N. W. Univ.) '05, to Louise Helen Hallett, at Champaign, Ill., Apr. 2, 1906. Address, Colonial Hotel, Chicago.

1903. Walter Russell Stevens, '98-'99, '03*l*, to Zada M. Stephenson, at Port Huron, Mich., May 14, 1907. Address, 2004 Military St., Port Huron, Mich.

1903. Cecil Edmund Sydner, *l*'01-'03, to Myrna Louise Woodruff, at Colorado Springs, Colo., June 5, 1907. Address, Las Animas, Colo.

1904. William Henry Hedges, '04, to Jennie Deyarmon Fisher, '04, at Hamilton, Ohio, Jan. 7, 1907. Address, Lindenwald, Hamilton, Ohio.

1904. John Mickle Stager, '00-'01, '04*l*, to Eudora Downing, at Dixon, Ill., May 15, 1907. Address, after July 1, Sterling, Ill.

1905. Frank Jay Philips, '05, M.S. (For.) '06, to Bertha Vondracek, '07, at Cedar Rapids, Iowa, June 12, 1907. Address, after July 1, 1018 12th St. N. W., Washington, D. C.

1905. Harro Woltmann, '05*m*, to Maudè Vaughan, at Hillsdale, Mich., Apr. 23, 1907. Address, Mansfield, Ohio.

1906. Truman Hershel Gass, '06, to Maud Young (School for Nurses) '06, at Guelph, Ont., Dec. 26, 1906. Address, Bessemer, Mich.

1907. Bertha Vondracek, '07, to Frank Jay Phillips, '05, M.S. (For.) '06, at Cedar Rapids, Iowa, June 12, 1907. Address, after July 1, 1018 12th St. N. W., Washington, D. C.

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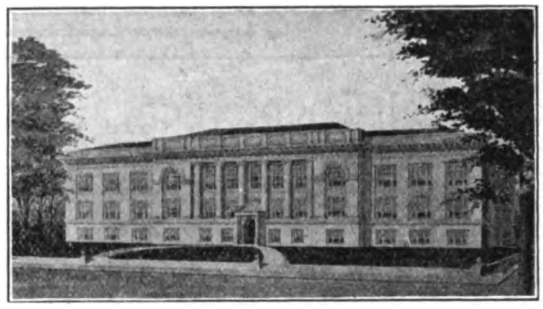

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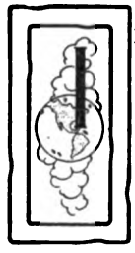

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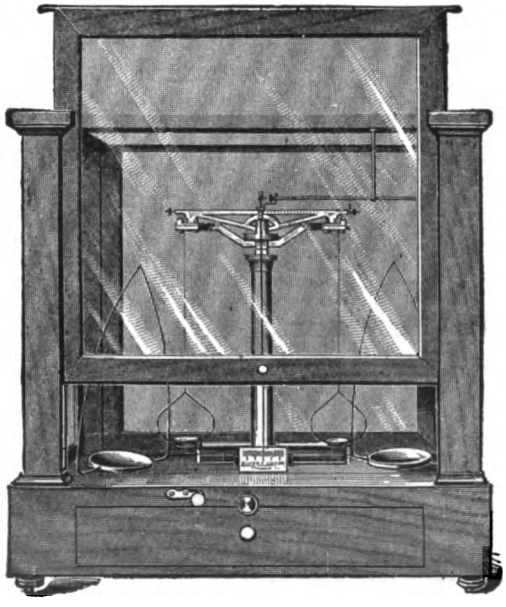

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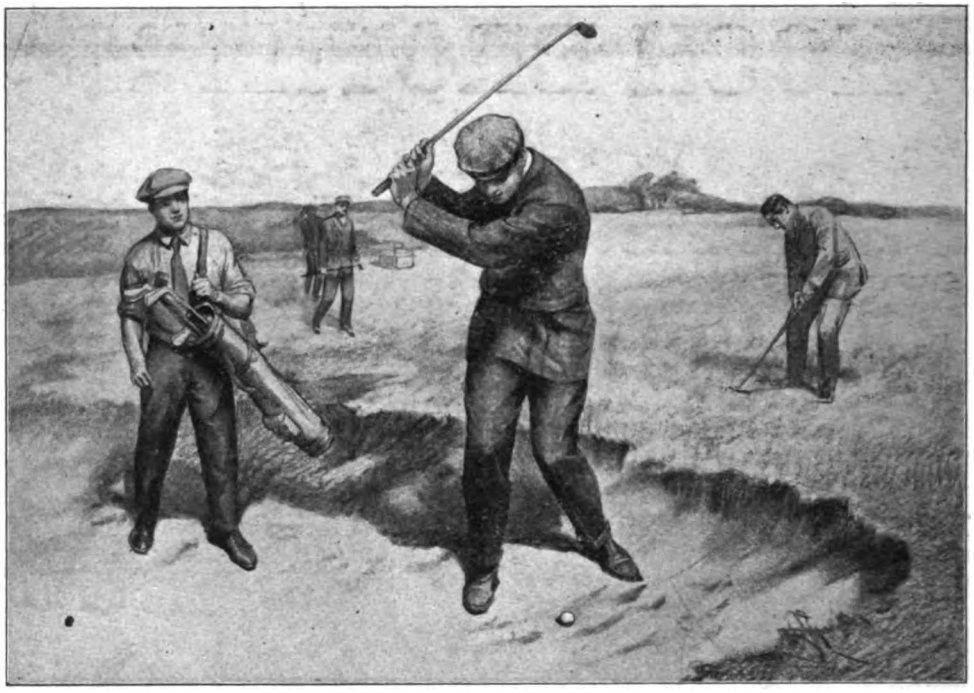

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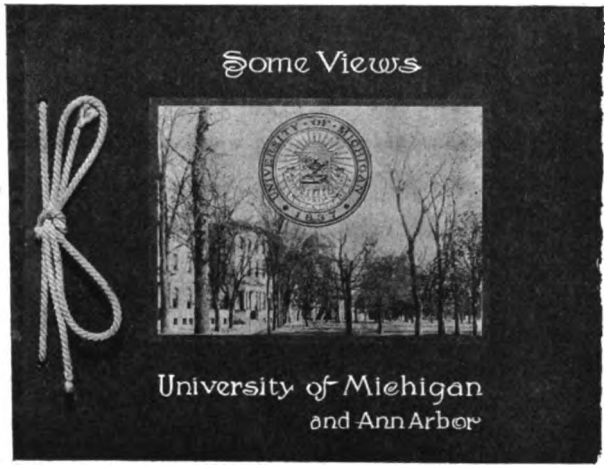

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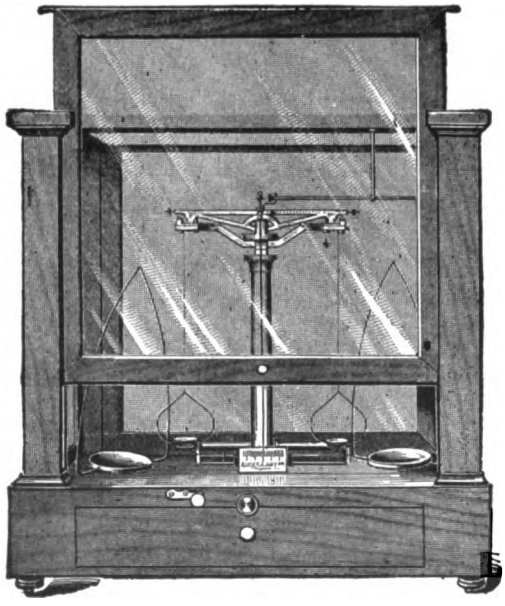

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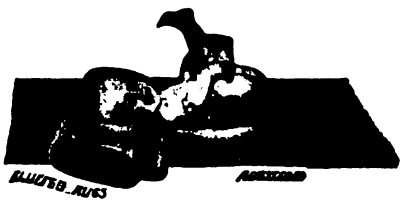

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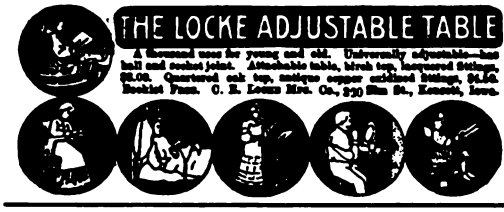
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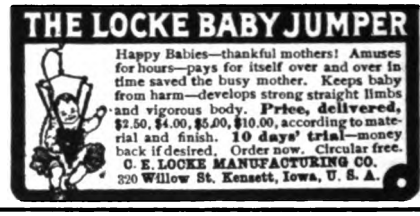
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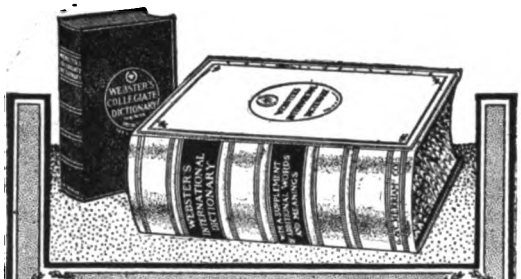

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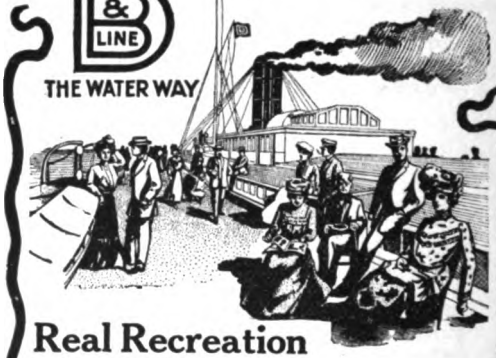

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THE
MICHIGAN ALUMNUS

VOL. XIII JULY, 1907 No. 126

THE SIGNIFICANCE OF GRADUATION

BACCALAUREATE ADDRESS DELIVERED BY PRESIDENT JAMES B. ANGELL IN UNIVERSITY HALL, SUNDAY EVENING, JUNE 16, 1907

Commencement week, so long looked forward to, is really here. Your minds are flooded with a variety of thoughts and emotions which perhaps you had not fully anticipated. The seeming shortness of the time since you entered college, the gratification of your parents who perhaps have denied themselves much that you might see this day, the preciousness of the friendships you have here formed, the looming up of the untried future with all its hopes and its uncertainties, the worthy ambitions that fire your hearts, your spirit of loyal devotion to your Alma Mater, which now sends you out with her benediction, all these and many more kindred thoughts and feelings are busying minds and stirring your souls as you gather here at these opening exercises of your parting week.

I have thought that it might not be inappropriate for me this evening to direct your attention to the Significance of Graduation. I shall attempt to point out that significance not necessarily as it appears to you tonight, but as it will appear to you a few years hence, when you can see it in retrospect.

First, as to your studies. Your graduation does not signify that at present, much less in the future, you are expected to retain knowledge of the details of all the work you have done. Some of these details you will never forget any more than you will forget the multiplication table that you learned in the primary school. But few or no university professors could now pass examination in all the branches in which they showed by inspection sufficient proficiency to enter college. Yet much that you have learned will serve you either as a foundation on which you may stand in making subsequent attainments or as an instrument by which you will be able to accomplish valuable work.

But the method and power of intellectual search, which your studies have taught you, the alertness and vigor and sanity of mind, which your long drill has lent to you, the facile acquisition and logical reasoning which have been gained by your years of strenuous handling of great subjects, it is these to which your diploma, if fairly earned, bears witness. By mastering old subjects to have learned how to attack and master a new one, by familiarity with the path which great reasoners have trod to have learned how to march with sure step from premise to conclusion, by daily communion with the great masters of expression to have acquired the habit of clear, simple and cogent statement, by loving converse with

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the great poets and singers of the world to have cultivated the heavenly gift of imagination, these are achievements which, if accomplished, are none too highly recognized by a degree.

It is not only the method of approaching and handling subjects which your university courses should have taught you, but by disciplining your minds they should have increased your power of mental work. There is no more marked difference between the uneducated and the educated man than in the great superiority of the latter over the former in his capacity to accomplish intellectual labor. His mind is obedient to his will. He can at once concentrate his mind upon his task and hold it steadily to duty. When the hour for his self-imposed toil comes, he can banish thoughts of all things else from his mind and fix his attention upon the task until it is done. The ability to do this is one of the most distinguishing marks of the truly educated man. Of course some men who have never seen a college have by stern self-discipline and great natural aptitudes acquired this power. And they may be ranked with educated men. But such cases are far rarer than thoroughly disciplined minds among college-trained men. And we may frankly confess that the college bred man who has not by his training acquired this power in good degree, however much learning by rote he may have absorbed, cannot lay claim to the title of a thoroughly educated man. It is the man who, when the hour strikes for a specific intellectual duty, is ready with all his attainments and all his faculties to meet it, it is he and he alone who deserves the name of an educated man. It is those of your number, who come up to this day with such an outfit, for whom success is waiting when you cross our threshold.

Again, whoever has won his degree at this University has neglected his opportunities if he does not carry away a considerable knowledge of men, which is a most valuable part of one's education. We may say without assumption that no other university in the country offers the companionship of men of such a variety of origin and training, and presents so accurate a representation of the diversities of the population of our country. There are generally found here in any quadrennium students from every state and territory and from a dozen or twenty foreign lands. To become acquainted with any considerable number of these is in itself an education. To have specimens of men from most of the world brought thus to you is in some sense to give you on this Campus the benefits of extensive travel. The world has come to you. Provincialism and narrowness must here perforce give place in good degree to cosmopolitanism and breadth of view.

We also reckon it a great advantage that with us the seven distinct Departments all carry on their work on this Campus. Men pursuing different lines of study thus associate to some extent with each other and perceive daily that all wisdom and learning are not confined to their particular line of work. Thus catholicity of spirit and appreciation of all kinds of learning are constantly fostered. One who worthily graduates here should be fitted to mingle on equal terms with men of diverse training and temperament and to enter upon actual life with a certain largeness of vision. They should not find themselves altogether strangers anywhere that fortune may cast their lot.

Closely connected with the advantages presented by these opportunities to associate with fellow students of diverse training and tastes and aims is the inestimable advantage of enriching your lives by forming friendships which you will always

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reckon among your chief treasures and inspirations. Such friendships as are cemented here will rarely if ever be formed in your later life. The similarity of pursuits and ideals cherished in common in this most sensitive and sympathetic period of your career not only binds you to your chosen associates with a delight which brightens all your college days, but stimulates and elevates you in all your future pathway. I reckon it therefore among the potent and beneficent forces which may justly be credited up to your undergraduate opportunities.

Again, graduation ought to signify and I think generally does signify the enlargement and elevation of one's ideals of his anticipated pursuit and more generous views of life and duty. In these formative years, in which college training comes, one with any degree of susceptibility cannot carry on his varied courses of study under competent instructors without rising to some adequate comprehension of the dignity and importance of the vocation to which he is looking forward, or, if he has not yet fixed on that, to the proper appreciation of worthy intellectual culture. He must view life from a loftier plane than that on which he stood in his earlier days. He cannot have communed with the great masters of literature or science or law for years under the leadership of enthusiastic teachers without having caught some sparks of inspiration, without being lifted to a point where broader horizons of life stretch away before him, and a more stringent sense of duty is compelling his conscience and stirring his heart. Life no longer spreads out before him as a scene for idleness or trifling, but as the theatre for strenuous activity and beneficent service to mankind. So, I am confident, it looks to you today. You are waiting impatiently for the summons to enter upon the stage of action and to play your part in a noble and heroic spirit.

As a result of the development which we have traced in the preparation for graduation we recognize a ripeness in maturity, an enlargement of force, a greater soundness in judgment, a decided growth in the qualities which constitute a more virile and dominant manhood. The callow and immature opinions of formative years have given place to saner conclusions on many subjects. The rational confidence engendered by careful and thoughtful study, so easily distinguished from the vain conceit of superficial examination of subjects, lends a vigor and power to words and acts which multiply one's personal influence. The waywardness and uncertainty and impulsiveness of youth have given way to the forcefulness of manhood. Perhaps after infancy in no equal period in one's life is the contrast in the mental development of most students so striking as in the period between the beginning and close of their university course.

Second. In thus meditating on the significance of graduation, one is naturally led to consider what it implies as to duty.

With the high ideals you have been led to cherish you may be expected to enter upon life with the conviction that you are not to use the power you have gained in a mean and selfish spirit. For the most part graduates leave the University with large and generous aims. I doubt not most of you are looking out upon the world today with the purpose which you ought to cherish to lead noble and unselfish lives. Let us notice some of the ways in which in view of your training you may and ought to manifest this altruistic spirit.

(a) You may share with your neighbors who have been denied the privileges accorded to you, the benefits of your education. In any circle of society to which you may be admitted

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there are offered many opportunities to give to others the benefits of the learning and culture you have acquired. This may be done in a modest and unostentatious way through some of the many organizations, intellectual, social, religious, which are found in any American community. Accept some of the invitations which are sure to come to you to speak or to present papers, even if acceptance is somewhat of a burden. The discharge of such a duty in a simple and unpedantic manner will be of real service to yourselves as well as to your neighbors.

(b) Use your influence to stimulate bright and promising boys and girls to seek a higher education, where it is practicable for them to do so. You will find yourselves surrounded by many who have no accurate idea of what a college course is, and especially no idea, even if they desire it, how practicable it is for many of them to overcome the obstacles in their path and secure it. The narration of your own experience or, if your own road was made easy for you, of the experience of some of your classmates who were less favored by circumstances, may encourage the attempt on the part of some brilliant youths whose services the world needs. I doubt not many of you are here today because at the right moment when you were doubting whether you could secure the education for which you were longing some wise graduate by a timely word convinced you that you might procure it and that it was well worth your while to attempt to make your way hither. As you remember with grateful heart the impulse he gave you, be ready at all fitting times to render the same service to others.

(c) Hold yourselves ready to discharge public duties which belong to educated men, even if they furnish no pecuniary compensation and make heavy draughts on time and strength. I refer by way of illustration to such positions as membership of school boards and library commissions. No greater benefit can be conferred on any community or on this state than flows from the wise management of our public schools. Men of large intelligence, of generous views, and of such weight of influence that their decisions are willingly accepted by the public, are urgently needed. We are far from having solved in this state many of the most important problems in the administration of our common schools. I want especially to commend to you the careful consideration of those problems in the town in which your lot may be cast, and to urge you to do what belongs to educated men to secure a higher efficiency in our schools.

So too the rapid multiplication of libraries among us calls for the wise counsels of thoughtful and well educated men and women to make them a source of the highest blessing, perhaps in some cases to prevent their becoming a real injury. Bad books and silly books furnished as the intellectual nutriment of a community and especially of the children are as objectionable as bad and silly men and women. Interest yourselves in the character and administration of the library in your town.

(d) Your education calls you to devote yourself not only in these specific ways, but also in all practicable ways and in the broadest sense to the public good. This is true in a certain sense of every man and particularly of every educated man. But it is most emphatically true of men educated in a university supported at the public expense. Whatever advantage you will reap from your higher education you owe largely to the generous aid of the people of the state. To the obligation which you would owe to the public, wherever you had received your education, this fact adds the spec-

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ial obligation of ministering as you can to the needs of the people of this state. This does not require you to enroll yourself in the lists of office seekers. But if you are called in an honorable way to bear the burdens of public place, you should not shun it. if it is clear that you can by accepting the call render a real service to the public. It is a cause for rejoicing, not for regret, that so many well trained young men, who do not need the emoluments of office, when they have been persuaded that they could be of real service to their time, have in late years been willing to endure the discomforts and abuse which often come to a public official even of the purest character. If the ranks of public officers could be filled with men of such spirit, the nation would have reason to give thanks.

But whether in office or not, you should as citizens cling to the high ethical ideals which you have learned to cherish in the best hours of your college life and illustrate in your intercourse with your fellow men the uplifting power of those ideals. You do well to show by a devout spirit that you appreciate with gratitude the obvious fact that God has distinguished you above many of your fellows by leading you by ways better than you knew through these pleasant paths of culture. A reverent recognition of his signal goodness to you is most becoming and is the very least return which you can make to him.

May I remind you that whatever your calling, wherever your abode, the one perfect ideal for you is found in our Lord and Master, Jesus Christ. The amazing thing in his character is that though he was a humble Jew born and reared in a small village of Palestine, his example fits every human being, in every age, in every nation. The highest moral attainment we can make is found in coming nearest to him and partaking of his spirit in the fullest degree. The solution of the hardest problems in our relations to God and to our fellow men are reached in following after him. May you seek and cherish as the dearest treasure of life his blessed companionship in all the journey before you.

And finally will you allow me to acknowledge with gratitude what you would not allow me to doubt for an instant that wherever you go, whatever vocation you follow, and whatever other duties engage your energies, you will never deprive yourself of the pleasure of discharging your duty to your Alma Mater, the duty of remembering with appreciation whatever she may have done for you, the duty of saying a good word for her as opportunity occurs, the duty of helping her to increase her usefulness to the sons and daughters of the state which has so bounteously nourished her, the duty of aiding to multiply her attractions to the students who come trooping to her halls from all the nations of the earth.

Your names will ever stand upon her rolls, associated with the names of the thousands,—many of them illustrious,—who have gone from these halls before you. With pride she will delight to trace your careers, to sympathize with you in disappointments which come to us all, to rejoice in your successes, to recognize with gratitude the lustre you add to her name when you win honor for your own name. It is through you and such as you that her fame is won, if won at all. You help to carry her fortunes in your hands. If your graduation has significance for you, it also has significance for her. By your lives you make or mar not your reputation alone, but hers as well. In some degree therefore by giving you her diploma, she commits her fair name to your care. She does not question for a moment that you appreciate this responsibility and accept it with the high and sacred obligation which it brings

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to you. In sending you out with confidence as her representatives and the guardians of her good name, she gives you her maternal benediction and lifts her most fervent prayer for your happiness ang usefulness and success.

COMMENCEMENT ADDRESS

SIXTY-THIRD ANNUAL COMMENCEMENT; DELIVERED THURSDAY, JUNE 20, 1907, BY IRA REMSEN, LL. D., PRESIDENT OF JOHN HOPKINS UNIVERSITY

In the year 1754 an advertisement of King's College, now Columbia University, appeared in a New York paper. A part of that advertisement reads thus:

"And, lastly, a serious, virtuous, and industrious course of life being first provided for, it is further the Design of this College, to instruct and perfect the Youth in the Learned Languages, and in the arts of numbering and in the arts of reasoning exactly and writing correctly, and speaking eloquently; and in the arts of numbering and measuring: of Surveying and Navigation, of Geography and History, of Husbandry, Commerce, and Government, and in the knowledge of all Nature in the Heavens above us, and in the air, Water, and Earth around us, and in the various kinds of Meteors, Stones, Mines, and Minerals, Plants, and Animals, and of everything useful for the comfort, the convenience, and Elegance of Life, in the chief Manufactures, relating to any of these things, and finally, to lead them from the Study of Nature to the knowledge of themselves, and of the God of nature, and their duty to him, themselves and one another, and everything that can contribute to their true happiness, both here and hereafter."

If a college education could accomplish all this one hundred and fifty years ago, what have we not a right to expect of it today? I fear, however, that there may have been as wide a gap then between the promise of the advertisement and the fulfillment as now-a-days we suspect may exist in the case of patent medicines. But, though experience has shown that colleges do not make men perfect, experience has shown that most of those who go to college are helped, though it is not always easy to say just how they are helped.

I do not propose to discuss this old subject, though it would be possible, I think, to say something helpful in regard to it. I will rather turn to a somewhat broader subject that is suggested by the circumstances under which I am called upon to speak to you.

In the hurry and worry of a college course there is danger that students may lose sight of certain problems of fundamental importance.

The pressure for more work in all departments is great and increasing, and there is little time for reflection. Yet no one will deny that reflection is desirable, and that it is essential if one is to get his intellectual bearings; and he must get his bearings in order that he may take a definite course on his life's voyage and avoid that aimless drifting so common among young men—and old for that matter.

Commencement day marks an epoch in the lives of students, and I believe they are on that day in a condition of mind favorable to the reception of some broader thoughts than those which have had possession of their minds especially during the few weeks immediately preceding the fi-

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nal examination. In this belief I have thought it well to utilize the opportunity that has been given me to a few thoughts that have been taking shape in my own mind for some years past.

Not long ago a phrase was current in Paris that gave great satisfaction to some, and was unpleasant in the ears of others. Heated discussions were carried on on account of it, and it gave rise to a rather sharp division of learned men into two classes, the literary and the scientific. The phrase I refer to was taken up by a prominent literary man, and it became, in a way the battle cry of those who range themselves on his side.

You will perhaps be surprised to hear that the phrase is simply this: "Science is bankrupt." You will also be surprised to learn that this phrase was spoken seriously, and that it filled with enthusiasm a number of those who are generally looked upon as leaders in the intellectual world.

Now what does that phrase, "Science is bankrupt" mean? It means that science has failed to keep its promise; that it has not and cannot meet its obligations. Or, to use language somewhat less commercial, it has not accomplished what it set out to accomplish, and the world has been altogether disappointed in the results. It signifies further, that mankind has been led to hope that it was to be elevated by science, and mankind has not been elevated to any marked degree and science is responsible for this.

I should not think it worth while to spend any time in attempting to defend science against such attacks if I had not received evidence that the state of mind of our French friends is more common than I supposed it to be.

A few years ago I had the pleasure of listening to an oration delivered before a large audience under circumstances that gave great weight to all that was said. The orator is a literary man of high standing in this country. He, too, took occasion to sneer at science, and left upon the minds of the audience the impression that science is doing humanity a grevious harm. He would tremble to see social reform led by men who had "breathed" the scientific spirit.

In view of the facts mentioned, it has seemed to me that it might not be wholly unprofitable to spend the time at my disposal in a discussion of the question raised: Is the pursuit of scientific learning beneficial or injurious? If it is injurious, it is clear that we ought all to use our efforts to put a stop to it. But as a matter of fact, larger and larger numbers are engaging in scientific work year by year; larger and larger sums of money are being spent in the equipment of laboratories for scientific work; and the world is certainly becoming interested more and more in this kind of work. If it is to be stopped—and, if it is is injurious, it must be stopped at all hazards—the sooner we reach this conclusion and begin to work in opposition the better, for the battle will be a long one the best we can do.

In any discussion it is well to begin with definitions; indeed, I am of the opinion that most discussions are due to misunderstanding, and that, if those who are interested would stop long enough to learn exactly what they mean they would shake hands and stop talking. What then, let me ask, is meant by the word science? The broadest definition of science is "knowledge; that which one knows." Or again, science is defined as "truth attained in a methodical study" and as "a knowledge of laws, principles and relations." Science is also sometimes defined as "organized knowledge." As used in this discussion the word means more especially natural science, that is to say, that branch of science which has to do with what we

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call Nature. This distinction is not material for our purpose, for, so far as there has been developed a science of philology, of history, of literary criticism, of mental phenomena, the expression "Science is bankrupt" would probably be regarded as applicable to these by all who use the phrase at all. To illustrate the significance of the definitions given let me take as an example the particular science with which I am most familiar. How did chemistry ever come to be a science? It is not necessary to go back very far in the history of the world to find a time when there was no science of chemistry; and yet men have been familiar with many chemical phenomena from the earliest times. Those of fire, of fermentation in its various forms, of decay, are among the most common that present themselves. One can pick up considerable information in regard to chemical matters by keeping one's eyes open, but one cannot in this way develop the science of chemistry. That development is a slow process made possible by the labors of successive generations of those who devote themselves to the special study of chemical phenomena. It was only after this kind of study had been carried on for ages that the connection between the facts established came to be recognized, and the knowledge systematized. Then for the first time was there a science of chemistry. At first it was not much of a science, but as the work of investigation continued and, especially during the past hundred years, it has developed into one of the strongest among natural sciences. By the aid of the immense number of facts that have been discovered, general principles have been discerned underlying these facts. These principles or laws have in turn led to the discovery of other facts, and new principles have been revealed. Then too, the general principles or laws have led to speculations in regard to the causes of these manifold phenomena, and some of these speculations have stimulated men to further work. Theories have come and theories have gone, but the great current of discovery of facts and laws has swept on, becoming deeper and broader the one object of the science of chemistry is the discovery of the truth pertaining to chemical phenomena so far as such discovery may be possible. The earth presents us with innumerable problems of the most interesting kind, and we have implanted in us the desire to know.

The pursuit of science is nothing but an expression of this desire. Is it not better to know than not to know? Would the world be better off than it is now, if scientific discoveries could be blotted out, and we could go back to the time before science was? These are the questions that must be answered. Does anyone seriously think that the world has been injured by increased knowledge? Do we not all believe that increased knowledge of the things around us must tend to make our actions more reasonable as we try to adjust ourselves to existing conditions?

What is the scientific method? It is the simplest conceivable method of dealing with problems whatever they may be. It consists in studying the facts in the case and then drawing conclusions from the facts. The great problem of science is to find out as much as possible in regard to the universe. The first thing to do is to get at the facts and to let them speak for themselves. Scientific investigation is primarily an organized effort to discover the facts. The desire to learn more and more in regard to his surroundings is natural to man. We see evidences of this desire in the infant and we may be sure that it has always existed. What we are pleased to call the advancement of the world is primarily due to the existence of this de-

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IRA REMSEN, LL. D.
PRESIDENT OF JOHN HOPKINS UNIVERSITY
COMMENCEMENT ORATOR

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sire. Take it away and advancement would surely stop. Of course the desire in itself is not sufficient. That furnishes one of the incentives—I think I may say the principal incentive—but it is the work to which this desire leads that is the chief factor in the development of knowledge.

In the early stages of the world, when man was in his primitive stages, knowledge of his environment was gained by the ordinary daily observations that he could not help making. By these observations much knowledge was accumulated. In the course of time, perhaps in the beginning, his imagination was brought into play and he began to conceive causes. What makes the wind blow, the rain to fall, the sun to shine, the heavenly bodies to move! Behind these phenomena he imagined beings something like himself—spiritual specialists—and, as these spirits were products of his imagination, there was no difficulty in adding to their number whenever a new set of phenomena calling for explanation came under observation.

Later, when these spirts failed to satisfy, theories began to come in and, during the philosophical period, speculation in regard to the unseen causes was rampant. Learned men then undertook to solve the problems of the universe by mental processes. There was some effort to connect these theories with the facts, but after all the theories were the main object in view and were regarded as altogether more interesting and more important than the facts. This was the period of speculation, the period of theories. No doubt this was a necessary period just as the period of childhood is necessary.

There was little encouragement for the worker in those days. He who used his hands was regarded as an inferior being, not fit to associate with gentlemen and scholars. Systems of philosophy were worked out that were top-heavy. The basis of facts upon which they rested was too narrow to support them, and, one by one, they fell to earth again, and gradually by hard knocks, man learned that the only way to discover the secrets of the universe is by coming in direct contact with the things of the earth. The attic philosopher, the monk in his cell, cannot tell us what we want to know for they have shut themselves off from the source of knowledge. They may for a time continue to evolve thoughts suggested to them by observations made in the outer world, but sooner or later their material will give out and they will be threshing old straw.

We have not yet passed the speculative stage in which theories out of proportion to the facts are evolved; we have not yet passed the stage in which the suspicion exists in the mind of some that those who acquire knowledge by the experimental method, who therefore work with their hands, are somewhat inferior to those who only think and reason and speculate; but, on the whole, we have reached a stage in which the laboratory is playing a controlling part in the onward movement of the world. The scientific laboratory supplementing the more direct study of the outer world supplies us with information. One gives us great things, another gives us little, but everyone does something to help along the cause of learning. The laboratory helps in two ways. First, it shows the world how to deal with problems of every kind whether in the field of psychical phenomena or not, and second, it contributes to the stock of knowledge in the particular field cultivated by it.

In regard to the first proposition that the laboratory shows the world how to deal with problems of every kind, let me say a few words. I was talking recently with a leader in the industrial world and with a professor

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of political economy. The former was very anxious to study certain phenomena pertaining to labor organizations, particularly the part played by them in connection with the development of industries. I was extremely interested in the conversation, as I got an insight into the methods of study adopted by the political economist. I learned that there are men in this branch who think that by writing a book on a subject they have necessarily contributed something of value to that subject, and that there are others who having caught the scientific spirit know that the first thing to do is to study the facts. I learned that most of those who have written on labor organizations started with a distinct bias; and, whether the bias was on one side or the other, each found enough in the facts to show that his views were right. That is not scientific. The true scientific investigator has no bias. He is in the jury. He is to hear the evidence and to give his decision in accordance with the facts.

So, too, I have heard, as you have, many a discussion on questions of national policy that showed clearly that the disputants were not dealing with their problems in a scientific way. Take, for example, the subjects of trusts and railway rates. The mere mention of them is quite sufficient to disturb the equilibrium of any audience or of any individual. There are deep subjects, so deep that it is extremely difficult, not to say impossible, to reach the bottom of them. Even those who have approached them in the most scientific, that is to say the least prejudiced, way have not always agreed in their conclusions. The great majority of us cannot possibly discuss these subjects satisfactorily. We can, to be sure, discuss them in the usual way. We can call our opponents names. But that is not the scientific method.

If the object of science is the discovery of truth, in what sense can science be said to be bankrupt? The history of every branch of science furnishes evidence of the success that has attended the efforts of investigators. Surely the world cannot complain of the littleness of the results. To those engaged in scientific investigation, that which has been attained seems, to be sure, but little as compared with that which remains to be done, but, as compared with what was known a few hundred years ago, what is now known is of immense proportions. Steady accumulation has led to great wealth of knowledge. Science is not bankrupt. Draw freely upon her, my friends—the drafts will be honored.

It is clear that in the sense in which I have used the word science, it is impossible to conceive of a state of things in which science can ever be said to be bankrupt; and yet there is no other sense in which the word can properly be used. It is, however, used in other senses, though improperly, and here the difficulty begins. Probably the great majority think of science as something which furnishes mankind with a variety of useful devices—a telegraph, a telephone, a medicine, a dye-stuff, a perfume—and that in supplying these it is fulfilling its mission. According to these, scientific work that does not culminate in something "practical" is of little or no value, and therefore there is no excuse for it. No one will deny that it is desirable that the results of scientific investigation should be utilized to the fullest extent for the purpose of increasing the welfare of mankind. How far this welfare has been increased by this means I shall not attempt to point out. There is no danger that the world will not reap the benefit of the results of scientific work. For every one engaged in such work there are a hundred ready to make application of the results. I would, however, emphasize this point, that the pursuit of knowledge, which

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is the object of scientific work, is one thing and application of the knowledge gained is another thing, for which science cannot be held responsible. Even if it could be said that not a single valuable practical application of the knowledge accumulated by science has been made, science as such could not be said to be bankrupt, for with the applications science has nothing to do.

But, assuming for the moment that the object of science is to give the world something practical—something to eat or drink, something to make killing easy, or something to delight the senses—I say, assuming that this is the proper view, how does the matter stand as regards the solvency of science! Plainly, science has nothing to fear from an examination of this kind. The fact is, such an examination reveals an embarrassment of riches. So great and so valuable are these applications that the world has been blinded by them, and has in consequence to a large extent been unable clearly to recognize the true character and the true field of scientific work.

Within the memory of those of us who are no longer members of the younger generation, marked improvement has taken place in many directions. The relations of man to man, of man to government, of government to government, have certainly improved. The bloody wars of conquest that at one time played such an important part in the development of man are practically things of the past. They may come again, but the signs indicate that this is improbable. Laws are becoming less oppressive. Justice is more easily obtained. The unfortunate of the race are more tenderly and more wisely cared for. It is no answer to this argument to say that there is still much crime, that there are conspicuous examples of corruption constantly being brought to our attention; that there is much suffering among the people of the earth. The question is one of the averages; and I do not think that any one will seriously maintain that the world is going to the bad. In the general tendency of things then, there does not seem to be any reason for quarreling with science, for on the whole, the world appears to be improving.

One of the arguments formerly used most against science, was that it is antagonistic to religion; that the tendency of scientific work is to remove the veil from nature, to destroy her mysteries, and to lead to materialistic conceptions of the universe. We do not hear this argument now-a-days as much as a few years ago. It is coming to be recognized more and more clearly that science can do true religion no harm, but can only strengthen it. It may modify, and has modified, dogmatic theology. Theology is one thing and religion is another, and true religion must find a broader and broader foundation in knowledge. The more we know of the works of God, the more we must be impressed by his infinite greatness. The opposite view would appear to be sacriligious.

As regards the destroying of the mysteries of nature but one word. As I understand this expression its meaning may be illustrated by the following example: Water is a mysterious thing. Chemists have succeeded in showing that this mysterious thing consists of the two gaseous substances, oxygen and hydrogen, in certain proportions. The mystery is nothing but a compound of oxygen and hydrogen. But I submit that more questions are now suggested than the mere existence of water could suggest. We now have not one mystery but many. Nothing is more mysterious than the act by which hydrogen and oxygen combine to form water. We know practically nothing

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about it. How is it that the two gaseous substances can be in an instant transformed into a liquid? Nothing more magical can be imagined. So, too, hydrogen and oxygen are, as we say, elements, but they are, in a way, even more mysterious than water. Of their nature we have no conception. To say that they are elementary forms of water is only to raise that deep question, what is an element? Or compare the old view that the earth is supported and stationary in space with the view so familiar, that it is one of the planets, and that these and all heavenly bodies act as though they are held together by some force operating according to a definite law. Which is the more inspiring? Is there less to stir the imagination in the conception of a force pervading the entire universe, is there less of mystery in this broader view? What is this universal force? We may say that it is gravitation, but this is only an evasion. It is not a helpful answer.

Scientific investigation, in answering certain questions, is raising a host of others. The mystery of the universe appears greatest to him who knows most about it. Its enormous complexity, the beauty of its adjustments, the efficacy of the forces that are at work to maintain it, the subtle changes that mark its activity, the far reaching operation of nature's laws, these are mostly hidden from those who have not made them a special study.

Then what are these materialistic conceptions that are the result of scientific work. I have never been able to understand what they are. Matter is absolutely incomprehensible to man. We know it only as it effects our senses. We cannot define it. If anyone should say to me that a knowledge of matter is all that we need to order to enable us to understand the universe, I should have to reply that I do not understand the statement, for I have no conception what matter is. Our ideas of matter are so intimately connected with our ideas of energy or force that we cannot conceive of one without the other. Then suppose that we should admit that all science can hope to do and all that she attempts to do it to investigate the phenomena presented by matter and energy, is this equivalent to saying that this is the end? Not at all. The very existence of matter proves beyond a question that there must be a power infinitely greater than any that come within the range of our studies, however great and incomprehensible these may be to us. I do not see that there is any escape for this conclusion; and it is well to remember that this conclusion is forced upon us by the study of what we call matter.

But, you may say, all this is clear enough and simple enough. We grant that you are right, and yet we ought to turn back for a moment to a question or two that has been left unanswered, more especially to the question whether the world is helped or injured by increase of knowledge? It may be helped in a material sense and not in a higher sense. Just as we sometimes see the sons of rich parents injured by the possession of wealth, so it may be that mankind is injured by wealth of knowledge. So much is done for our comfort that we may be degraded in some other way in consequence. Though in one sense science is not responsible for the uses made of her store, yet, in the highest sense this is not the proper view to take of the subject, and I think all will agree that, if science contributed either directly or indirectly to the degradation of mankind, it must be held responsible. The plea that it has nothing to do with the results will not suffice.

Let us then next inquire whether, in the field of conduct, the results of scientific investigation are or are not wholesome? This is the highest test, and, plainly, the most difficult. I am

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quite sure that no one can at present give a final answer to the question, be he a scientific or a literary man, historian, philosopher, or divine. Our knowledge of the facts is not sufficient. We can all express opinions and give reasons, good or bad, for our opinions. If one tells me that mankind has not been helped by science, I ask how do you know? If another tells me that mankind has been helped, I ask, how do you know? But the subject, however difficult it may be to deal with, cannot be dismissed in that way. Arguments on the one side and on the other are brought forward, and, as in a case at law, we try to form an opinion in accordance with the weight of evidence. If it can be shown that mankind is slowly advancing, that the average standard of conduct of mankind is improving, we shall, I think. It would perhaps be impossible to prove that science has had a hand in the improvement, but it can be shown that certain definite results have followed in the wake of increased knowledge, and it can at least be made to appear highly probable that scientific investigation is one of the great forces at work in modifying the conduct of men.

As regards the fundamental question whether mankind is improving or not, I believe most persons will answer this in the affirmative. The improvement may be slow, much slower than we should like to see it, but it is not sure? Every one who has even a superficial knowledge of history knows that the standard of conduct today is higher than it was a century or more ago.

There is an interesting story told of that medicine so dear to many of us under the name of quinine. This is now, and has long been, obtained from the bark of a tree that grows in Peru. The Peruvian Indians used the bark as a remedy against intermittent fevers. The wife of the viceroy of Peru, the Countess of Cinchon, imported it into Europe in 1639, and it has hence come to be known as cinchona bark. It soon acquired a high reputation among the Jesuits and gradually among the people as a whole. In the present century, scientific investigation has shown that the bark contains a number of definite constituents some of which have the curative power of the bark, but in a much higher degree. The most conspicuous of these constituents is the alkaloid quinine. It is chiefly to this that Peruvian bark owes its value as a remedial agent. At present the bark is not generally used, but the "active principle" freed from the useless accompaniments is used in its stead. But, when the suggestion was first made to substitute the essential constituent for the indefinite concoction prepared directly from the bark, there is said to have been much opposition manifested by patients as well as by priests and doctors. They all wanted nature's remedy. They did not want the product of scientific work. The latter being the work of man could not be as efficacious as the natural bark. It required the efforts of years to convince the doubters that the action of the essential constituent of the bark is more reliable than that of the bark itself.

Is there not a deep lesson in this story? We are constantly being diverted from the essential by matters of detail. Truth comes to us in the form of bark, with its crystalline, essential constituents concealed from us. The tendency of scientific investigation is to reveal to us those essential constituents, and to lay them before us, that we may more clearly be guided in our efforts to find higher truths. But we constantly resent this interference of science, and wish to retain our bark. The history of the introduction of quinine finds its parallel in every advance in the realm of thought.

Is science bankrupt? If so, in what

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sense? I have endeavored to find an answer to these questions. What answer will you give? Is the scientific spirit something to be feared? If the expression leading a reform in a scientific spirit means anything, it means leading the reform on the basis of knowledge. Other things being equal, one who understands mankind best will be the most likely to succeed as a reformer. One reason why so many reform movements fail so ignominiously is that they are not undertaken in a scientific spirit. Facts that are well established are ignored. The laws of human nature are lost sight of and in a most unscientific spirit plans are laid that must come to naught. Knowledge does not take away sympathy and the feeling of brotherhood, but it helps to prevent the sacrifice of those who are the victims of plans based upon ignorance.

It is not the special business of the scientific man to dream, and yet dream he will. Let me here tell you of a dream of a certain distinguished chemist. It has to do with changes that are to be brought about by the advance of chemical science. The results of investigations already accomplished indicate that, in the future, methods will perhaps be devised for the artificial preparation of food from the water and carbonic acid so abundantly furnished by nature. Agriculture will be unnecessary, and the landscape will not be disfigured by crops growing in geometrical figures. Water will be obtained from holes three or four miles deep in the earth, and this water will be above the boiling temperature, so that it can be used as a source of energy. It will be obtained in liquid form after it has undergone a process of natural distillation, which will free it from all impurities, including, of course, disease germs. The food stuffs prepared by artificial methods will also be free from microbes, and there will consequently be less disease than at present. Further, the necessity of killing animals will no longer exist, and mankind will become gentler and more amenable to higher influences. Everywhere the means of subsistence will be available. Man, not finding it necessary to work as hard as he does at present to keep himself alive, will work to elevate himself intellectually and morally. Is this not a fascinating picture? And all that we need is a few holes bored into the earth the mere paltry distance of three or four miles. Here is an opportunity the like of which is not often offered. Who will take advantage of it? Thus far the French chemist.

I, too, have had a dream, but it did not have to do with food-stuffs nor with agriculture, but with things less material. I dreamed of the time when by continued scientific investigation man will more clearly recognize the truth whatever it may be; when he will more clearly see the relation of things; when he will have learned how to conduct himself under a given set of conditions so that the happiness of his fellowmen may be increased by his actions; when he will instinctively obey sanitary and moral laws; when he will recognize the essential truths underlying religions, and will be guided by them.

Science has no quarrel with literature any more than with religion. Art, of which literature is one branch, has, as we all know, a very important part to play; so, of course, has religion: and so, I maintain, has science. One does not interfere with the other, but all are working together, whatever some of their disciples may be inclined to think—working together for the uplifting of man. We need all these agencies, and even with them progress will be slow.

Finally, let me say that there are narrow-minded scientific men; as there are narrow-minded literary men; I suppose, and I have even heard of narrow-minded theologians. In every

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class there are extremists. These are frequently the ones who talk and write the most, and hence their views are apt to be taken as representative. But nothing is more unscientific than an extremist, and those who have tendencies in this direction would do well to breathe the scientific spirit.

CLASS DAY EXERCISES

DEPARTMENT OF LAW

Following the usual program of Commencement Week, the Class Day exercises in the Department of Law occurred at two o'clock, Monday, June 17, in University Hall. Upon the platform appeared the portrait of Professor Bunker, presented to the University as a memorial, by the class. The committee in charge of the Class Day exercises consisted of Edward R. Hastings, Adrian, Mich., Robert D. Bartlett, Fairmount, Ind., Ernest C. Smith, Ann Arbor, Mich. The committee in charge of the class memorial consisted of Floyd A. Deahl, Goshen, Ind., chairman; Samuel H. Roberts, Ann Arbor; Louis E. Kunkel, Michigan City, Ind.; Clark M. Johnson, Flint, Mich., and John W. Lyddick, Buchanan, Mich.

Roy L. Black, Topeka, Ind., opened the program with his address as president, discussing the influence of college life in particular upon the lawyers of the future. A portion of the paper follows:

College life is a lite of freedom. It is as broad as the world and from that very fact narrow. Broad because of the associations we have here; because of the many points of view we have; broad because of the spirit of liberality which exists and the birdseye view which we take of life. Narrow from this fact, because we see but one side, the theoretical, the fantastical, the visionary. And yet because of its freedom, and because of its visionary nature, we gain from this life what it is impossible to gain to any great degree elsewhere. During our three years of companionship which seems scarcely out, so fast the time has sped, we have met one another daily and have formed friendships that will last forever. Our class room rivalries, our good natured elections, our football and baseball games, and the various associations incidental to college life, have united us in bonds of affection and will never lose a sacred seat in our memories.

But the reflections on the events of yesterday must give place to the thoughts of the morrow. Our Future now awaits the verdict of time. Whether we succeed or fail depends largely upon our own efforts.

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In entering this new vocation of life we should remember that no man lives to himself alone. Duties are imposed by virtue of membership in the social fabric. This responsibility is measured by a man's talents, natural or acquired. The educated man, the professional man owes a duty to the public of a higher character than that due from him merely as a member of society. He stands on a different plane, holding in trust his God-given privileges and opportunities for the benefit of all mankind. Especially is this true of the lawyer. The legal profession has perhaps but a single rival, that of the ministry, in shaping the future destiny of nations and peoples; in the organization and maintenance of governments; in securing stability to civil and political institutions; in the preservation of life liberty and property, and in the suppression and regulation of forces detrimental to the body politic.

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If we are to keep apace with the times and command a place of recognition we must be earnest students of the law. For the law is unsettled because as a science it is progressive. With the more refined advancement of the present age the responsibilities of men are broadened and their conduct better defined and understood. We are today in the age of materialism and commercialism. The might of power and not the right of justice is supreme. The indulgence of individual passion and not sacrifice for the general good is triumphant. Before the high priest, the Constitution, the colored race is disfranchised and murdered; corporations defy decrees and openly fight with labor unions;

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and the bribery and knavery of a boss trample upon the rights of our citizens. We boast that all men are born free and equal but today one man at the head of a gigantic corporation can veto legislation or pass favorite bills; can threaten a panic, as has been done thrice within the last year, or cause prosperity. All men are born free and equal but today the leader of a labor union can by his mandate block every channel of trade or cause a civil war.

These are some of the monumental problems which we as members of the legal profession must solve. It may be that education will raise the colored race, that governmental regulation will allay the strife of capital and labor, and that primary reform will cleanse our American politics. But the class of 1907 goes forth to battle for equality and justice until forever triumphant over racial, industrial, and political dangers, there rises higher and higher —The Majesty of the Law.

The history of the class was given by Claude Chesterfield Fogle, Lancaster, Mo., who found cause for satisfaction in the record of his classmates in every branch of college life.

"A year! A life! What are they? The telling of a tale, the passing of a meteor, a dim speck seen for a moment on time's horizon dropping into eternity."

Our college day is drawing to its close. Its bright morning dawned upon us in all our verdancy. At noon the golden rays of its sun fell upon us, the jolliest juniors in a jolly land. And here where first we met at early morn—here where at noon we played—here, in the evening, we draw our sable senior robes closely about us and look back with joy and regret—grateful for such a day, sad that its sun has set forever.

Looking over our class now one can hardly conceive what a motley bunch it was that gathered that day some three years ago. Each individual, imbued with the idea of self-preservation at any cost, had no thought of the spirit of unity that is essential to the very existence of the class as well as each member. It took "Jerry" with his "Lumley vs. Gye," "Bunk" with his "crimes and misdemeanors," Wilgus with his "squib," Goddard with the doctrines set forth in "Hunt vs. Rousmanier" and that definition of law,—who will ever forget it?—Rood with his awful outlines, Bates with his "Statute of Frauds," and Sage with his "woman's rights"—it took all of these to teach us that our only hope to spend three happy years in Michigan lay in unity of purpose and action. And so we got together. How well you may judge who see us now before you.

By us the honor and fame of Michigan has ever been held sacred. Our class has through its representatives helped to raise the yellow and the blue to a most enviable position, not only among the colleges of the west but also those of the east. Our athletes that wear the M have but few superiors. Rheinschild was a star tackle on the gridiron. Sanger and Carmel Martin are responsible for Michigan's supremacy in baseball and according to some critics are all-western material. On the track we have placed Shank and J. W. Maloney, the latter being a record breaker not only in the west but also in the east, and he is recognized as one of the four best milers in the country.

In reviewing the various activities of the class the historian had the following to say in regard to its political successes:

Real politics exist only in the Law Department. The Lits spend four years learning the rudiments of the game. The Engineers improve upon it in no small degree. The delicate and refined touch that only the Laws are able to give it, is necessary to render it a finished article. Out of the chaos of the first year a crude organization was formed and Bowman was elected president. Several new parties were formed next year but Martin's clique secured for him the coveted place. This year the lines were tightly drawn. At the head of the conservatives stood Black "as fair a Knight as ever followed the white plume of Henry of Navarre." Leading the radicals came Passamore a warrior from whose political blade dripped the blood of many a vanquished foe. Fretful at the delay of conservative and radical and as keen for battle as his champing steed, was the stormy Otto, clammering for reform and purity in politics. "Down with Blackism and Passamorism" cried he and the charge was made. When the smoke of battle had cleared away Black had won and conservatism still ruled with tempered hand the policy of the Laws of Naughty-Seven. That particular parade into which have entered the Laws of former years, in the night time to the terror of the populace was forever abandoned. Ever conservative we took part in the swing-out, a thing which the Laws have never done before. Next year we hope the Laws will lead the procession in this particular event. We were not, for a single instant, carried away by that Michigan Union sentiment baked up to a brown by Bates and served hot by Amberson, Down-

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ey and Sonnenschein. It was to show our belief in the department and in the man that we placed Professor Bunker's portrait in the Law Library. We preferred to worship at our own shrines. May the pride of this class for this department and this man, keep those that follow us from wandering from their household gods to take up others new and strange.

The class poem was read by Lloyd F. Gates, of Garret, Ind. The opening stanza was as follows:

"There is no rose without its thorn,"
No joy without its sorrow,
But there's no night without its morn,
No day without its morrow.
So, we'll be cheerful, every man,
And happy, when it's known
By glancing over the program—
There's but a single poem.

Merrick Knight Edwards, Adrian, Michigan, the class prophet, employed THE ALUMNUS as the vehicle for his inspiration, and from the leaves of a Commencement copy published in 1927 he found many items of interest regarding the members of his class. Even the advertisements furnished information. From "Event and Comment" we quote the following under the heading "A Just Decision":

Gilbert and Hayes of Des Moines, Iowa. recently brought renown to old Michigan by their victory in the Supreme Court. The suit was to restrain a justice of the peace from exercising discretion. Attorneys for the defense. Hertert of Dubuque, Garland Wilson of Missouri, and C. M. Johnson of San Francisco, argued that granting the injunction would deprive the justice of general welfare without due process of law. The court held, as Gilbert contended in his college days, that a justice of the peace had no discretion, judicial or otherwise.

The "June meeting of the Board of Regents" furnished the following interesting information:

The number of diplomas granted was 3,002, for the year 1926-'27. The endowment gifts of $5,000,000.00 each from Thomas Wood, the telantograph magnate of Pittsburg, and C. W. Gust, the Nevada mine owner and political reformer, were accepted with thanks.

Several Faculty changes were provided for, Professors Iverson and Warner of the Law Department resigned to accept offices in western corporations. Downey of the Tucson bar and Weaver, of Philadelphia, were elected to their places and as members of the attendance committee at salaries of $5,000.00. Belknap and Belknap of Chicago were engaged to deliver a series of lectures on patent law during the year 1928.

Matters relating to the musical department were settled after a heated argument during which D. A. D. Gundry firmly held down the chair.

An account of the twentieth reunion of the class also appeared as follows:

The sessions of this class celebrating the twentieth anniversary of its graduation had all the old-time enthusiasm. It had the old rah-rah spirit of the last class on Friday after Congressman Connell of Illinois couldn't find the school house on the hill, or after Goggin alighted from his sleeper in Specific Performance. Judge Carmel Martin of Los Angeles presided, Louis Green, President of the Chicago Realty Company, led in the old songs. Each member was called upon to state the how and where of his present. Many responded. J. E. Miller told of his $15,000.00 practice in Erie, Pa. J. J. Neary exulted over New York's enacting his measure for choice of judges by the bar. Davis, of the Civil Service Commission, told of the excellent work of Bowman, of New Mexico, Roach of Michigan, and Ray Deahl of Kansas as United States district attorneys. Koelbel interested all in the suit his attorneys, Van Etten and Maher of Tacoma, Washington, won for him getting $20,000.00 from the Drainage and Power Company for damages to his growing timber. Congressman and Mrs. Solfisburg from Aurora, Illinois, were in attendance. Also Mr. and Mrs. Coryell of Harrisburg, Pa., and Mr. and Mrs. Van Brunt of Denver. Mulhern reported that the firm of Ellis, Mulhern and English had a large legal business with the main office in Grand Rapids and branches in nearby towns. Letters of regret from C. A. Brinkley, Chief Justice of the Philippine Republic, and from Maucker and H. T. Martin who were that week arguing before the Supreme Court of Illinois the validity of a city ordinance requiring medical inspection for employment in factories. Frequently Senator McKinley of Idaho was called upon for Bible stories. M. T. Dulavy, with a smile happier than usual, spoke of how successfully Gardner had stumped Colorado for Mrs. Dunlavy for governor. Stonecipher stated that his firm in Pittsburg specialized in protestation of checks. Unson Delegate in Congress from the associate Philippine Republic had never been so lofty a character since the college rushes.

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Mindes of New York joined in the sentiment, but scorned the base degree by which he rose to higher limbs. Farr displayed congressional proportions with all three dimensions. Judge Powell has been so long on the bench that even his smile is judicial. Ohmant, counsel for the Continental Electric Ry. Co., paid a high tribute to the old teachers of the class. Att'y Burke entertained the class at his home on Washtenaw Avenue Tuesday evening. On Wednesday, Bressler took the class for a lake trip from Detroit. The evening was spent at Corporation Counsel Hill's home on Woodward Ave. Grace, an able criminal lawyer and Weadock, an admiralty lawyer, joined the class here. The next reunion is to be held in 1932

The oration was delivered by Hugo Sonnenschein, Chicago, upon "The Mission of Anglo-Saxon Law." This he said in the first part of his speech, was to crystallize in tangible and enduring form the ideals of man.

The Anglo-Saxon Law stands as the great epic poem of a race whose master-passion from the beginning has been the love of freedom. Each onward advance which in the centuries that are gone our fathers made, from feudal tyranny to enlightened self-government, from wretched serf to enfranchised citizen has been builded into the great edifice of Anglo-Saxon Law. It is the treasure house of all the victories of the past, upon whose walls are blazoned the priceless heritage of freedom which on a thousand battlefields our sires wrested from the strong hands of despot kings and ruthless barons. Each victory won, each privilege established in those long years, our fathers perpetuated unto future generations in the concrete form of legal rights embodied in the laws, administered by the courts, enforced by all the power of the State. Anglo-Saxon Law is the immortal record of that age long conflict in which the race struggled ever onward along the toilsome path to liberty, leaving behind in darkness and in gloom the fear of priest and prince, the chains of serfs and bondsmen, until upon the blood-stained heights, they stood erect in the clear air of freedom.

In the past the race has wrought out under the forms of law three great branches of human freedom, Religious Freedom, Civil Freedom and Political Freedom. Today the people cry out against a new oppression, today the Mission of Anglo-Saxon Law is to establish and guarantee a new form of liberty, as fundamental and as vital as any of the other three—Social and Industrial Liberty.

* * * * * * * *

We live in a new age, when new needs and new problems surround us; new forces of oppression have appeared, a new birth of freedom is imperative. The tyrant king, the cruel baron and the dominating priest are gone forever; no more the thumb-screw and the rack shall cow men's souls or set fear upon their hearts but in their stead have risen new forces which must be made submissive to the law, subservient to the public good; harmonious with the rights of the individual or freedom, opportunity to develop the individual in a real and substantial sense is not within our grasp.

Corporation of corporations and Amelgamated Federations of Unions are the twin tyrants born of our industrial regime.

* * * * * * * *

Out of the situation in which we find ourselves one of two outcomes alone is possible. Revolution and Socialism or adaptation and modification of our legal system under Republican Government. The former is unthinkable, the latter must be wrought out. The ever-widening gap between legal restraints and industrial forces, the ever-increasing inadequacy of our legal system to cope with the present social situation, the imperative need for adjustment along legal lines is too patent for argument. The problem of that readjustment constitutes the national task of our generation but the responsibilities and the burdens fall with especial weight upon the shoulders of the new generations of lawyers; theirs is the work for theirs is the training and the preparation. If the inevitable readjustment of our legal system is to be wrought out, not in radical reaction nor in violent upheavals of century old principles, rendering unstable all property rights and producing uncertainties and chaos and confusion in the land, if it is to be wrought out in orderly, systematic and harmonious development and evolution, then it must be done by trained lawyers, by men, who, standing on the mountain peaks of legal knowledge have surveyed the whole course and sweep of Anglo-Saxon Law; by men who in the study of the decisions have caught the very spirit of the great jurists, the master minds, the architects of the edifice of the law. Only men of such training whose blood and brain have throbbed and pulsated with the legal principles developed by the centuries, can the ancient structure of our Anglo-Saxon Law be altered and modified, to present needs and yet remain a Temple of Justice, symmetrical, consistent, substantial.

Such, my fellow classmates, is the task

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which is ours in conjunction with countless others to perform, in carrying on to consummation the mission of Anglo-Saxon Law. It is a tremendous problem gigantic in scope, infinite in difficulty. But we need not falter nor lose faith. We cannot but believe that a race, which under the forms of Anglo-Saxon law has conquered all the problems of the past, can solve the riddle of the present; that a system of law which proved adequate to protect the individual in his religious, civil and political rights against the combined force of ignorance and superstititon of King and Prelate, of Lord and Baron, can in this age of enlightenment reconcile industrial efficiency with individual liberty and governmental purity.

The presentation of the class memorial, the portrait of Professor Robert Emmet Bunker by Percy Ives of Detroit, then took place. The portrait was presented by Floyd A. Deahl, chairman of the committee, and was accepted by Dean Hutchins in behalf of the Law Department, and by Regent Barbour in behalf of the University. Mr. Deahl in making his speech said:

The Law Class by unanimous choice have selected one of the men who has for three long years, day by day, stood before them in the class-room. And with the welfare of every man at heart, he has carefully and painstakingly explained the difficulties of the task at hand. Professor Bunker comes from the tried school of experience in his profession. He graduated from the Law Department of this University in 1880, and immediately became associated with the firm of Smith, Nims & Hoyt at Muskegon. Success attended his efforts from the first. At this time Muskegon was the largest lumber market in the world, and Professor Bunker's practice became limited to lumber litigation which brought him many times before the Supreme Court. In September, 1901, he became a member of our Faculty.

The bar say he is a man of the highest integrity and an able practitioner. A judge of the United States Court says: "He is a man of big heart and a doer of big things. I cherish his friendship dearly and lengthening years make all the deeper my respect for him."

Only too deeply do I feel my inability to express the feeling that is in the hearts of my classmates at this hour, and the learned gentlemen that follow me. I know they can interpret fully our motives and our feelings, but may Professor Bunker know, yesterday as students, we respected and honored him, today we hold him in that greater regard as men, expressed only in the broader sense "love." And in that spirit, we have given him and to this University this our tribute.

After the picture had been duly accepted, Hugh T. Martin, Monmouth, Ill., gave the valedictory address which follows in part.

We who today have gathered here, have tarried for a few short years here in this pleasant valley of the Huron. We have given of our greatest treasure—our youth, that we might know of institutions patiently wrought out by our race, by generations of men long past, which are being wrought out by the generations of which we are a part. We have studied at least one side of that great question or problem of man's relation in society to his brother man. We have labored that we might be ready to play the part of men in the world in which we expect to live and labor.

* * * * * * * *

It is with mingled feelings of sadness and joy! Of sadness, because we shall never pass this way again. Because over against that division of our life's history marked youth, we must write finis—the end.

But of joy—because our apprenticeship is past, because we go to play our part upon a larger stage. The past with its mistakes is irrevocably gone. But we have yet the present and the future, to make of them what we will.

* * * * * * * *

Here only the highest ideals of the obligation of the lawyer to himself and to society have been held up before us, and we today stand ready to ackowledge the debt we owe.

For three years we have been closely associated. We have been here with a common purpose. Together we have endeavored to find the origin, the cause, the reason for rules and customs, and institutions, centuries old, many of them handed down from long forgotten civilization, and with it all has come that respect, and appreciation and friendship which comes from long intimacy and association, and believe me—greater than the lessons we have learned from books, are the lessons we have learned from each other.

* * * * * * * *

The kindness and the work of the Faculty for us we have appreciated more than we can ever express. They have ever treated us with consideration and courtesy. Not as pupils, but rather as young men, entering upon the same profession have we been recognized. No labors have been too ar-

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duous for them to undergo to give to us the best results, of legal scholarship and with patience they have borne our shortcomings.

* * * * * * * *

We have been fortunate in having lived at this university in a period possibly not of greater loyalty but at least of a fuller better expression of that loyalty. We have come to view our Alma Mater with that larger view, which is willing to take pride in all her interests, and in all her endeavors, which is willing to work for her largest success and welfare. And as we go forth, we look back and with the mind's eye can see the thousands, and thousands who are to gather here, to fill our places, who are then to go forth to carry every where her fame, who sits enthroned forever between the inland seas. And with gratitude for the past, and confident hope for the future, there comes to us the lines of that old poet King, who when thinking of the great city which was his heart's pride, he said: "Peace be within thy walls, and prosperity within thy palaces."

THE DEPARTMENT OF LITERATURE, SCIENCE AND ARTS

Departing somewhat from the custom of former years the seniors in the Literary Department failed to hold their class day exercises under the branches of Tappan oak, and used the open air theater prepared for the Ben Greet performances a little at one side. The exercises took place at ten o'clock in the morning, Wednesday, June 19. In opening the exercises Robert Henry Clancy, of Detroit, president of the class, said:

We are here to celebrate our commencement as freshmen, once more, into the great university of life.

We are also here, my friends, to give thanks for the opportunity of having attended Michigan, and to express our gratitude for the high privilege of receiving a Michigan degree.

* * * * * * *

As freshmen just entering the university of the world, we have yet to learn the true value of time and money, and the subordinate place of pleasure. Mayhap, in stripping for action, we will also have to lay aside our joking, jollying, careless, easy-going spirit. Mayhap also we will have to conceal our love of the unconventional and our irreverence of set standards. Ah, my friends, it will indeed be a sore stroke if we have to curtail that humorous, quizzical philosophy of life which has been such a delight and satisfaction to us here in college.

* * * * * * *

And now let us speak more particularly of the class of 1907.

We owe much to our fellow-students, for we have polished and sharpened ourselves upon them. We have been here during four full and critical years in the growth of the university and our influence has been strongly felt in every branch of Campus activities. We have analyzed with our professors the great social and political problems of the day; and we have attempted to solve similar problems in this our own community. In doing so, we developed the community feeling, and familiarized ourselves with the idea of working together in large groups for a common end.

We have stood for democracy and self-government in all student affairs. In student enterprises, we have handled thousands of dollars, honestly and efficiently, and we have thus helped to make the "anti-graft" committee a nonentity. We have aided materially in making the Student Council a powerful governing body on the Campus, and with both effort and money we have assisted the Michigan Union.

This address was followed by the history of the class, as given by Sadie Mary Smart, Hancock, the class historian, who told of the early history of the class as follows:

As we turn to our freshman year we experience again the fear and trembling with which we slowly ascended the stairs of Tappan Hall to those dreaded history quizzes, the insignificance we felt as we looked upon our professors for the first time or were told by some upperclassman that there were over 4,000 students attending the University.

We became an organized class only after we had successfully passed our first political campaign and elected Mr. Friedman our first president. Then we became not only *interested*, but *interesting*, as the upperclassmen told us in confidence.

What a Rush we had that year! How excited we freshies were! Even the Ann Arbor policemen shared some of our agitation. They were in evidence that night, which some of our number learned to their sorrow when one-half dozen freshies were landed in the Ann Arbor jail for 36 hours by some vigorous and conscientious officers

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in uniform. Nevertheless we won the contest. Schulte's heroic work that night won for him a place on the Varsity football team which he has held for four years.

Many of us remember the sensations we felt when Mr. Church stopped us on our way out from the "prescribed English" and insisted on our paying our class dues. We, sceptical as to the large city of Ann Arbor, carried no money with us, but promised immediate payment. Who could count our "chilly fears" upon next meeting Mr. Church and being stopped with "Your class dues, please"? This forgetfulness on our part along with freshman extravagance threw us into debt and from this frenzy in finances we did not escape for two years.

Hair-cutting season began early in the spring, so early that there was yet snow on the ground. No one guessed then that it was to be the most famous hair-cutting year in the history of the custom. The 1907 freshmen cut a larger number of sophomore heads than the freshies had ever been known to cut before. Here Schulte figured again. He had more trophies than anyone else, and the class—true Americans as we were—decided that a man great in war is also great in statesmanship. So on the strength of many bits of different shades of hair tied to his belt, the 1907 class elected Schulte president for the sophomore year. Such was his fame that no one could be induced to oppose him.

Again, in our sophomore year we won the Rush and gave the local authorities their annual exercise.

The class poem by Ruth Rizer, of Washington, told of a "land of unknown worth," where "long years ago, aye, ages past,"—

Between deep lakes on east and west,
Lay one fair port of this broad land.
Here ruled one tribe above the rest—
This tribe, the famous Michigan.
* * * * * * * *
In time they chose one special spot,
Beside the Huron's gentle stream,
Where higher learning might be taught,
Where those who cared might dream their dream.

'Tis here we've lived our college life
The past four years. Today we stand
And look back on its joy or strife,
Ere time and fate shall break our band.

In silent line there comes before
Our thoughts, the faces—one by one—
Of those who've passed beyond the door,
In other fields their paths have run.

At this same door we stand at last.
One look into our comrades' eyes,
One farewell word, one strong handclasp,
Before we part for unknown skies.

The journey may be short or long,
May lead through pleasure or through pain,
But he whose heart oft bears a song,
Will reach his castles built in Spain.

Those castles! ah, what pleasant hours
Were spent in building them so high!
On rocky crag, with battled towers
They lift their proud heads to the sky!

And safely locked in secret chests
What treasures have our fancies seen!—
The gold on which our eye first rests,
Then sees the jewels sparkling gleam!

And oft we image carnivals,
Which make the smoky rafters ring.
And oft we hear the madrigals
Which brave knights to fair ladies sing.

Must all these fancies disappear,
And fade into an empty past?
Not so for him who draws hope near,—
He'll surely find his Spain at last.
* * * * * * * *
Dear Alma Mater, may we ask
That memory of happy days
May help us in each thankless task,
Which lurks there through the future haze?

The class prophecy by Hazel Gustene Hill, Decatur, was also cast in poetic form and invoked the heavenly muse "Like Milton of old 'bove the Ionian Mount

Pursuing things unattempted yet in prose or rhyme.
Thus I, oh heavenly goddess, would engage
With favoring aid to give prophetic song.

She then told how Iris, messenger of Gods above, in seeking for a competent prophet for the class, wandered "through Arcadian fields and Stygian depths below," bewailing that no prophets she could find until in despair she met Neptune who referred her to his prophesying son, the prophet Proteus, and told her how she might accomplish her purpose by coming upon him while in slumber.

. . . . Then Iris suddenly becoming bold
Remembered well Aristeus' fate, of old.
And rushed upon the sleeping Proteus, e'er
He e'en could see what force attacked him there.

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Dissembling every various form he tried
To test her fervor, and assumed all shapes,
Roars like a prowling savage, glows
Like crackling fire, or like a river flows.
But when no fraud could further his escape
He spoke, returned to human voice and shape:
"Rash goddess, what thou seekest declare,
And I to thee will give an answer fair."
Ah! Father Proteus, but one boon I ask:
To know the fate of Class of Naughty-Seven,
Who now are going forth from Michigan."
She spoke and waited, while a mist-like haze
Now drifted o'er the Prophet's far-seeing gaze.
At last he spoke and dreamily he said:
"The future years before me slowly pass,
And I can tell of all that glorious class
The fate of but a score or more." "E'en so.
Tell on," fair Iris said, "And I will go
Well satisfied away." Slow he begins
But eager grow his words as he proceeds.
"The president of that mighty class I see
Pursuing still that ever fading goal
Of fame and honor, as in college days.
Not on the supreme bench or governor's chair,
Nor on a mission as ambassador sent,
But rather do I see him President
Of the Detroit, Michigan, State Fair.

Margretta Brown, the president's colleague
And associate in office, of all that band
The favorite, with one accord proclaimed,
Has ever faithful to her class remained,
And now, tho' gone to southern parts unknown,
Her heart is true to one of '07's own.

Through nebulous mists of clouds and vaporous sea
I see a planet: Mars 'tis said to be.
From earth to heaven no way has yet been found,
But Earth and Mars communicate by sound,
And countless wires fill vacuous space between.
Ruth Rizer, mistress of these wires is seen,
Presiding at Mars' central telephone.

Another of this class to Mars has flown,
And there court jester to the Martian throne
Dwells Carl Moore his wit still keener grown.

"Stub" Joliffe I see in gloomy prison led.
For him temptation mastered and he fled
Trusting his safety to the god of chance,
Bearing the earnings of the Senior dance.

Around the festive board, a merry throng
Are driving care away with mirth and song,
But suddenly their noise is hushed, while one and all
They listen breathless to a speaker tall.
'Tis "Bill" DeBruyn, who with matchless art
Tells now a story, (dear to every heart!)"

Old Proteus sudden rolled astonished eyes
On Iris near, all trembling with surprise.
"What do I see in France"? he said amazed.
A woman member of L'Academie Francaise!
And who this woman, skilled in every art,
And wise in every science, 'tis Sallie Smart.
Whom thus the whole world honors. She alone
Of all that class to such vast heights has flown.

The tangled thread of fate resistless finds
Hal Smith sojourning to the Arctic climes.
There starring in the Walter Wellman rôle,
Sits perched aloft on the far northern pole,
And cries Eureka on his longed for goal.

Orator Danhoff, whose outbursting flame
Of eloquence on class day brought him fame,
Far reaching, tho' unhoped for, now attains
To still more lofty heights. In Senate Halls
His voice is heard wherever duty calls.

The athlete, Homer Heath, whose college name
Of Flying Squirrel then signified his fame
On track and field, now shows his power
On foreign soil, and, lion of the hour,
Is hero of the famed Olympian games.

Ann Arbor's classic shade, and sacred shrines
Are tutors in more worldly arts than one,
And so, "Mush" Hannan of gay college times,
His work completed and his course well run,
Retired to Boston and with great renown
Leads the "Four Hundred" of his native town.

In the recesses of a forest glade
Lives Arthur Pound in sweet simplicity,
Forgetful of the world like Shakespeare's Duke,
Finds tongues in trees: books in the running brook,
Sermons in stones and all with beauty fraught.
For this the lesson his "Return to Nature" taught.

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Strangely opposed to these sweet rustic ways
Are those of Lulu Liesemer. The world now pays
Her fame and honor on the vaudeville stage.
She sings the charming ditty, "Not because
Your hair is curly," that familiar clause,
Prime favorite throughout her college days.

In the far depths of darkest Africa
There labors one of Naughty-Seven's class,
Endeavoring as a missionary brave
To lift from ignorance the negro slave,
To power and usefulness in modern life.
And, strange but true, the hero's no one else
But he called by the college world "Dunk" Pierce.

The Sisyphus of former years still rolls
The stone of ponderous weight up fortune's hill.
The stone is surely nearer now the goal
And one more year will bring fruition dear
To his bold plan for timeless transit route
Between Ann Arbor town and Ypsi, near.

The orator of the class, John J. Danhof, Jr., Grand Haven, discussed some of the economic problems now before the country which will come inevitably into the lives of the members of the class.

Every age is a period of transition. Some ages reflect the change more strongly than others. But of all periods of transition, that of today is the greatest.

* * * * * * * *

Today the nations are contending for the industrial supremacy of the world. It is no longer a question of supremacy against single nations, but against whole continents. The time of local markets and restricted production is past. With the advent of the steamboat and railroad, markets became world wide. The war is the survival of the fittest. The law of nature that that organism survives which is capable of the greatest energy with the least waste, is equally potent in industry. That society will prevail which is most efficient . In the concentration of capital lies the possibility of the highest economy, the most energy, the realization of the strongest in industrial organism. Like new inventions and improved processes, the trust reduces the elements of cost. In the strife and hum of the twentieth century, corporate consolidation is an economic necessity.

The same movement present in industry, is active in government. National power and authority are extended at every opportunity. With the expansion of trade, the flag follows to protect the investor. Colonial expansion is due to the conscious feeling of government of the new demands made upon it. The change in the very fabric of the nation must find expression in an altered governmental policy.

* * * * * * * *

The unlimited power, incident to vast aggregations of wealth cannot be otherwise than a source of evil. It has been so in all ages, and at all times. Through absolutism the czars of Russia fell into corrupt ways. Human nature is the same the world over. Place in his hands unlimited power and man becomes the tyrant and oppressor.

The basis of much concentration of capital is not due to a natural policy of combination, but to a laxity on the part of the people. Valuable rights and franchises are granted gratuitously. Exclusive privileges are bestowed indiscriminately. Their value multiplies with time. Stocks are increased to keep pace with value, while the public is asked to pay dividends on inflated millions. Thus, through artificial means, the few are enabled to force tribute from the many. Such wealth is not the result of individual creation, but of simple donation.

The remedy for the future is evident. The people at large have been at fault. All worship at the shrine of Mammon. The good and beautiful alike fall before the material. Surrounded by an atmosphere of indifference, public representatives fail to do their duty. As college men and women it is our duty to awaken public sentiment to the evils of the present system; to arouse the people against the bartering away of their rights; to force legislators to act; to instill into the minds of all the ideal side of the industrial movement, the obligations to humanity.

While a judicious policy can limit accumulation in the future, the great central fact remains that the combination of capital is an economic necessity and the movement will gather strength as the industrial strife proceeds. If America is victorious, the future will see combinations of such magnitude as the world has never seen. How are we to retain the system without its evils?

A great reform is needed emanating from the body of the people organized in every village and hamlet so that by a united effort the end may be attained.

Increase in national power is neither desired nor needed. The peril of the present industrial organization is that its units may grow, until they will sway government itself. The danger of the political tyrant

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is past, that of the industrial tyrant has just begun. . . . .

The time has come when some new spirit must enliven the languid spirit of progress and overcome the sloth of indifference. Some new power must arise which shall inspire energy and vigor into the age, and arouse a listless people to a consciousness of their best interests whence shall that power come but from the universities?

Obviously where government rests upon the will of the people much depends upon the enlightenment of its inhabitants. Not that men uneducated do not make good citizens, but the educated man, by reason of his superior training owes to his fellow a special duty. His knowledge of history and understanding of the problems of the day best fit him to direct the course of the future. He sees the infections of the present. Knowledge of the past reveals to him the probable influence on the future. Through this vision of the future, there is imposed the duty to direct a more perfect course. To the ordinary mind the future is as the present. It needs a trained mind to see advance amidst the inactivity of the present. It is for the University graduate to interpret his age and direct the future wisely. Failure to do so, is a betrayal of the trust imposed by a higher education. You cannot "hide your light under a bushel" and justify the name of college man or woman.

According to the old custom, no valedictory address was given.

THE DEPARTMENT OF ENGINEERING

Class Day in the Engineering Department took place on Wednesday, June 19, in the court of the Engineering quadrangle. Following songs by the graduating class and an address by Dean Mortimer E. Cooley of the Department, Donald Theodore Hastings, Detroit, read the following essay, giving a short history of the University and the Engineering Department. The portions more intimately connected with the Engineering Department follow:

. . . . in 1835 when the State Constitution was framed provisions were made for the establishment of a compelte educational system to consist of primary and secondary schools and a University . In March, 1837, shortly after the admission of Michigan to the Union as a State, three acts were passed by the Legislature providing among other things for the organization and government of the University which was to consist of a central establishment with several branches scattered over the State. It is in these acts that there is found the following clause:

"The University shall consist of three departments, 1st, the Department of Literature, Science and the Arts. 2nd, the Department of Law, and 3rd, the Department of Medicine and Surgery."

There then follows a list of the professorships to be established in each of the departments: thirteen in that of Literature; three in that of Law, and six in that of Medicine. Among those professorships mentioned as being part of the Literary Department is "One of Civil Engineering and Architecture." In this phrase of but six words lies the germ of what has today edveloped into one of the four major departments of this great University.

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It was not until September, 1841, that the University proper was opened and then it consisted of but two professors and a Freshman class of six students. At this time instruction was given in Mathematics and the Latin and Greek languages only—other branches were added later as they became necessary.

The Literary Department was until 1850 the only one of the three authorized by the Legislature which was actually established . The Department of Medicine and Surgery was finally put in operation however in the fall of that year and at once drew a comparatively large attendance. The greatest number of students enrolled in the University at any one time up to 1852 was in 1847-8 when the names of 89 male undergraduates appeared on the list. In all from 1841 to 1852 but 101 students were graduated. How pitifully small this number seems at this day when a single senior class totals several hundred members. It must be remembered in this connection however that at that time the entire population of the State of Michigan was less than the present number of people in the city of Detroit and that comparatively few students came to the University from outside the State.

In 1851 a new act was passed at Lansing which provided among other things for the establishment of "such other departments," besides the three already authorized, "as the Regents should deem necessary and the state of the University fund allow."

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It was not until 1855, during the Presidency of Dr. Tappan that the first Engineering course was announced as one of the elective courses in the Literary Department. Four years later the Department of Law, authorized in 1837, was first opened with a faculty of three members and an enrollment of 90 students. The Law Building was not opened however until the fall of 1863.

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It is now about 52 years since the first actual instruction was given in a separate Engineering Course in this University. Although, compared to the age of some of the older Eastern colleges, 52 years is but a short time, yet it will be found on investigation that but one technical school in the United States has given instruction for a longer period of time along engineering lines than has our own University. This one school is the Lawrence Scientific School which gave the first Bachelor of Science degree in America in 1851. Michigan followed suit nine years later and from that time onward the development of our engineering courses has been steady.

In 1863 we find that Civil Engineering is one of the seven lines of study offered in the Literary Department, while in the following year a School of Mines was announced. This latter never became very vigorous, however, and, after withstanding the vicissitudes of Fate for some years, such powerful influence was brought to bear from the Upper Peninsula that the School was transferred to Houghton and now constitutes the Michigan School of Mines, which, I believe ranks as high as any similar institution in the United States.

The degree of Bachelor of Science in Mechanical Engineering was first offered in the Literary Department in 1868 to be followed several years later by that of Bachelor of Science in Electrical Engineering. The number of students following the engineering courses had increased to such an extent by 1895 that in the fall of that year it was deemed best to organize them into a separate Department. With an enrollment of 331 students, the Engineering Department at once reached fourth place in point of numbers among the seven departments of the University, being preceded only by the three original Departments of Literature, Law, and Medicine, in the order named. Since that time, however, our Department has made great strides and now, with over 1,200 students, stands second only to the Literary Department.

This great growth has been attended by the offering of three new degrees, those in Chemical Engineering, in Marine Engineering and in Architecture, and has necessitated the construction of our fine new Engineering Building. This building, which was begun in 1902, was intended to be fully large enough to cover all requirements for room for at least ten years, and yet, with less than five of those years actually passed, even the halls of the new building are being utilized for class rooms. More room and more money are both badly needed by our Department, as indeed by the whole University.

The history of the class was then read by George Stanley Porter, Jackson, in which he discussed, humorously, the dangers and mishaps which had attended the class individually and as a whole since freshman days.

The president of the class, James William Parry, Ann Arbor, then made an address to his classmates of which we give a portion:

But what value is the college training that we have been at so much pains and trouble to obtain? We were started in on the faith that it was right and the best thing for us to do. Of course a college training affects each one of us differently and it will be years before each can decide what it was that has done him the most good in view of his further development. It is not for me to catalogue the values derived from a University course but it seems to me looking at it from the viewpoint of a training which has not yet been applied to the practical solution of our own problems that the benefits fall into three or four natural divisions. First, it has taught us the art of extracting the good from books. Secondly, the college man has learned to classify an correlate his learning. It may be that his fund of information is much more limited than that of some other man who has never seen a college, but given any problem he sees where to start in on its solution. It is not a knowledge of details that is required so much as a knowledge of principles and a correct method of applying them. So far as educational training goes then the college man possesses merely a basis for further development. No one realizes more keenly than he his deficiencies, but what he does and should do that an untrained man does not do is to set about building up those deficiencies. He possesses the power of will over his reason and by careful discipline forces his mind to overcome those negative habits of thought and acquire a clear, logical, piercing mode of expression. Thirdly, the college trained man realizes that there is other good than books.

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In a book most of the habits of thought, the prejudice and narrowness of outlook that we meet constantly in everyday life are set aside and the reader is left free to select and maintain what appeals to him as right. In the vital movements of society the things mostly to be reckoned with are not the ideas of one man as laid down in an essay, but the bias, partiality and poor judgment of living men. And by far the most powerful of the influences we have been subject to in college, which will mould our future career, is the human relationship and the knowledge of human nature we have gained. The friendships we have formed here we shall always cherish as the most valuable privilege and the dearest favor any university could bestow. In college a man is in the springtime of his life and he makes friends easily. Thrown in with and bound to a lot of men with common aims and interests, common studies and ambitions, freed from all the cares and worries of business or professional life which weigh down his spirit and make his hair grow thin and gray in later years there is no time in life when the wine of friendship flows so smoothly, so easily and so surely as in the college world. . . . May these friendships be ever for us vital, living memories in the years that are to come, cheering us on over periods of doubt and despondency, growing only more dear to us as we look over the old college scrapbook or show it to our children, dreaming in our hours of leisure of this time that was so fruitful to us. And when any classmate of '07 wanders back alone to this old Campus only to see new buildings, new improvements confronting him and new faces controlling and owning the things that years ago were his; and a feeling of loneliness sweeps over him as he pauses by the senior bench, let him feel that although *we* are absent *our hearts* are all with him and our Alma Mater sending up one ringing cheer for '07 and old Michigan. Keep the class secretary or alumni secretary informed of your whereabouts and of your successes and changes in life. Grow apart we must as our youthful lives lengthen into manhood and our paths separate into life but we are all interested in each others' lives and glad to gain knowledge of your path in the world. Keep in contact with as many of your classmates as you can. It is a God-given privilege which each one of us should be loath to surrender. I need not mention the reunions which every one of us will look forward to with a longing for the boys that no one but an old graduate can feel.

* * * * * * * *

And we thank you, dear old Michigan, for the tender care you have given us during these formative years of our life; we thank you for the example and inspiration of the noble life under whose guidance we have lived our college career; we thank you for the foundation for the experience and enjoyment of the good there is in life, and most of all for the friendships you have given us. May the life of every '07 man be of such beauty and purpose and manhood that it will in itself be a lasting tribute to you of our loyalty and devotion.

ALUMNI DAY

Although it is difficult to estimate with any degree of exactness the number of alumni who returned for the Commencement season, it is perhaps safe to say that a larger number than ever before were present Alumni Day, June 19, 1907. The names upon the large register in the Alumni Room show a total of 574, an increase of exactly 40 over those registering the year before, and this in spite of the fact that the classes of 1862 and 1892 who would properly meet this year failed to hold reunions, and also that the additional incentive of reduced railroad rates was offered only to residents of the lower peninsula of Michigan. In former years the reduced rates have been offered from the district lying between New York City and Denver.

The older classes in the Literary Department, in particular '67, '72, '77, and '82, held especially enthusiastic reunions, and 1902 inaugurated a new departure in reunions, by engaging two Scotch bagpipers to precede the class as a body, or any member of the class when straying from the "bunch."

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They also made a raid upon the clothing stores and appeared upon the Campus, following their inevitable bagpipers, clad all in white pajamas. The earliest class to graduate, which held a reunion this year, was '64*m*, of which five members met, together with the indefagitable Secretary, Dr. Elmore Palmer, of Buffalo. From now on the class is pledged to hold a reunion every three years instead of the usual five year periods. Altogether sixteen classes held reunions, especial accounts of which follow.

CLASS REUNIONS

'64m

At the reunion of the medical class of 1864, six members were present:

Samuel Bell, Beloit, Wis.; Elmore Palmer, Buffalo, N. Y.; J. H. Rheinfrank, Perrysburg, Ohio; C. G. Clark, Maumee, Ohio; Fred W. Inman, Florence Villa, Fla.; L. S. Weaver, Fremont, Mich.

An almost impossible task was accomplished by the class secretary in finding and securing a complete history of nearly every member of the class, which numbered fifty, 43 years ago. The class partook of a sumptuous luncheon with Mrs. Dr. Prescott, whose husband was a member of the class. Dr. Bell was reëlected president, and Dr. Palmer secretary-treasurer. The class then adjourned, to meet Alumni Day, 1910.

The following poem was read at the reunion of the class by the secretary, with due credit to Dill A. Smith, author of the poetical gem entitled "Twenty Years Ago":

I've wandered to the Campus, boys,
  I've stood within the hall
Of the old college where we sat
  With notebooks, one and all;
But none were left to greet me, boys,
  Of those we used to know,
Who sat with us upon those seats
  More'n forty years ago.

The medics are as genial now,
  And sing the songs we sung,—
They work as hard as we did then
  With spirits just as young.
Our teachers all are resting now,
  They have been called to go
From scenes that we all loved so well
  More'n forty years ago.

We had the lectures to ourselves,
  But *now* co-eds are here
To cheer them in their vacant hours
  And banish every fear.
They all have tasks to do the same,
  And much real progress show;
But *not* more so than those who left
  More'n forty years ago.

Our old building is now condemned,
  Another takes its place;
The subjects taught are same as then,
  With not a bit more grace!
For our professors *all* were good,
  Not one was ever slow
To help us make ourselves a name
  More'n forty years ago.

Lectures are given just as then,
  With quizzes on the side;
In better quarters than were ours,
  But not with greater pride.
Our teachers *all*—none are forgot,
  Their names will ever glow
On mem'ry's tablet, as they have
  Since forty years ago.

Sager-Douglass and *Palmer sure*
  Always had more to say;
With Gunn and Ford and Armor too,
  We had no time for play;
For every hour was crowded full,
  We thot it hard—'twas so—
But now we see that they were right
  More'n forty years ago.

There's one more still none would forget,
  His name's remembered well,
He was the mascot of our class,
  'Twas *Nagle* with his bell.
Let those of us who're here today
  Our loving mem'ries strew
Upon the ones who left with us
  More'n forty years ago.

We were fifty in sixty-four,
  Ready our work to do;
The passing years have thinned our ranks,
  We now are twenty-two.
And when our mission shall be done,
  I hope our lives will show
That we've honored those who honored us
  More'n forty years ago.

ELMORE PALMER, Secy.

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'67

Of the forty-five members of the class that was graduated in 1867, thirty-four are still living. Of these twenty-one signified their intention of being present at the fortieth reunion of the class, although only fourteen finally came. Business engagements and sickness kept the others away. At one time and another about one hundred different persons have been connected with the class. The names of those present at the reunion follow:

Thomas S. Anderson, George H. Benzenberg, William M. Brown, George E. Church, John M. Darnell, William M. Dwight, Cornelius A. Gower, Albert M. Henry, Arthur S. Hobart, Milton Jackson, Edward E. Kane, Jabez Montgomery, Thomas M. Potter, and David B. Taylor.

At an enthusiastic meeting held at 4 p. m., Wednesday, in Room 18 (a part of the old chapel where we first attended service), letters were read from James Bellangee, Amos E. Dolbear, William J. English, Henry N. French, Lowell A. Goodman, Charles G. Hickox, William G. Hubbard, Frederic H. Kent, Isaac Kersey, Dwight N. Lowell, George L. Maris, Elbert L. Miller, John A. Rollins, and Alexander Thompson.

The class also made final arrangements for the erection of a memorial stone to mark the Haven elm. This is to be a marble block capped with the Lake Superior stone of the class. Friday morning the class adjourned to Grosse Pointe where they were royally entertained at the Country Club House by A. M. Henry.

JABEZ MONTGOMERY, Secy.

'72

The class of '72, in the Literary Department, met upon its thirty-fifth anniversary, June 18, 1907, at the home of one of its members, Evart H. Scott, 1830 Washtenaw Ave., Ann Arbor, an ideal place, with acres of beautiful lawn and native trees, and a host and hostess unexcelled. Twenty-five members of the class were present as follows:

Frank D. Andrus, Robert E. Bunker, Henry F. Burton, Horatio N. Chute, Henry Heistand, Charles L. Houseman, Louis H. Jennings, Hiram M. Keeler, James H. Kirkpatrick, Henry N. Loud, Joseph M. McGrath, John J. Mapel, Hector Neuhoff, Edward W. Pendleton, Dwight C. Rexford, Evart H. Scott, Frank T. Seeley, Madelon L. Stockwell, Russell F. Tinkham, William T. Underwood, George P. Voorheis, Roland Woodhams, Robert S. Woodward, and I. N. Newman.

After appropriate words of welcome by Mr. Scott, and a response by the President, Mr. H. N. Chute, Robert S. Woodward, President of the Carnegie Institution of Washington, in a well arranged statement explained the object and aim of that most scientific of all scientific institutions, which, with no students, endeavors to do original research for the world. The greatest colleges are knocking at the door for help. President Woodward, who is a very pleasant and forcible speaker, made it very clear to the class that it is not the Carnegie Institute located at Pittsburg, Pa. Mrs. Charles K. Turner, the first woman graduate to receive a diploma from the University of Michigan in the classical course, followed Mr. Woodward in a salutation full of splendid thought, admirable suggestions and spiced with genuine wit. Mr. E. W. Pendleton in a clear and concise statement told to the class of the present conditions and future prospects of the movement for a Memorial Building which he said at the present time is absolutely assured. Appropriate and impressive reference was made by Mrs. Turner and the Secretary to those members of the class, who since the last meeting in 1902, had been called unto the realities of the great beyond. They were as follows:

Archer Brown, formerly of East Orange, New Jersey, at the time of his death the leading member of the firm of Rogers, Brown & Co., specialty

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pig iron, most prominent firm in that business.

Lester McLean, Denver, Colorado, at the time of his death president of the Young Men's Christian Association of Colorado, and a prominent member of the legal profession.

William R. Leigh, an able lawyer and member of the bar, Brownsville, Tenn.

H. H. Van Vranken, a leading minister of the Dutch Reformed church.

William J. Herdman, thirty-one years Professor in the University, died December last, whose brilliant career is too fresh in the minds of all to require mention.

Seth C. Randall, prominent in the Washtenaw County bar.

Samuel G. Milner, M.D., Detroit, who is the last called hence. A man with an enviable reputation, pure and noble.

College songs (Frank D. Andrus, of Detroit, leader) were an enjoyable feature, but the sun "hastened to go down" and four hours seemed but an hour.

The officers elected were: E. W. Pendleton, president; L. H. Jennings, secretary; W. T. Underwood, treasurer.

L. H. JENNINGS, Secy.

'77

The members of this class who were able to come back to Alma Mater to celebrate the thirtieth anniversary of graduation met first in an informal luncheon at the home of Mrs. Marie L. H. Walker at 1129 Washtenaw Avenue on Wednesday. Here twenty-one members who graduated, several wives and children, Mrs. A. C. Angell who entered with the class, Professors Beman and Denison of the University Faculty, and Professor J. W. Langley who came to the chair of physics in the year that '77 took that subject, enjoyed a very pleasant time renewing old acquaintance and recalling college experiences.

In the evening the class met at Mack's tea room for a banquet with Percy T. Cook as toastmaster. With his old-time solemnity Percy, who now poses as a farmer, "for political purposes," Roberts says, called for responses as follows, getting in every case a most strict (?) adherence to the topic assigned:

1. Trade in shotguns in a western mining camp, J. H. Fiske, Leadville, Colo.

2. Europe, the peace conference, and the dissolution of the Douma, "Billy" Gray, just back from a trip to Europe.

3. The Middle West, producer of tall corn and fair daughters, E. H. Guyer, of Rock Island, Ill.

4. What is an American? Rev. H. C. McDougall, Franklin, N. H.

5. The progress of co-education with a dissertation on the probability of the mushroom shape displacing the sailor in hats, Mrs. Hattie Holman Bishop, Ann Arbor.

6. The yellow peril, L. C. Hull, Jr., recent winner of a Rhodes scholarship.

7. The bar and its application to the needs of the common workingman, Milo Lewis, Greenville, Mich.

8. Fragments from (class) history with a dissertation on the probable effect of formaldehyde on the memory, Professor C. B. Cochran, West Chester, Penn., the recipient, next day, of an honorary doctor's degree for eminent work in chemistry.

9. Those who have gone before, Lawrence C. Hull, Orchard Lake, Mich.

The secretary gave brief reports from some who were not able to be present in body and read F. F. Williams' report of his heroic efforts and final success in getting married in Germany.

Everyone present wrote his name on all the menu cards and the list, as they sat, ran as follows:

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C. A. Bosworth, Harriet Holman Bishop, William Carpenter, G. S. Bishop, John B. Lewis, Milo Lewis, C. B. Cochran, Alice Frances Guyer, E. H. Guyer, Margaret Stewart, Anna McDonald Gibson, Frederick L. Bliss, K. R. Fiske, J. H. Fiske, Willis R. Roberts, Lulu Goodrich Downs, William J. Gray, L. C. Hull, Jr., Lawrence C. Hull, Carlton C. Frederick, H. C. McDougall, Mary Marston Walmsley, Percy Tyler Cook, Clara Conover Slauson, H. M. Slauson, Marie Louise H. Walker.

At the close of the Commencement exercises, on Thursday, the honorary degree of Ph.D. was conferred upon Professor George C. Comstock of the Washburn Observatory, Madison, Wis., for distinguished service as an astronomer, and upon Professor C. B. Cochran, of West Chester, Penn., for distinguished service as a chemist, in sanitary matters. Duties elsewhere prevented Mr. Comstock from attending the reunion, but he was present at Commencement.

At the alumni dinner the Rev. H. C. McDougall responded eloquently for the class of '77, and thus ended their thirtieth anniversary.

H. M. SLAUSON, Secy.

'77l

The law class of 1877, after thorough work by the secretary, gathered nine of its old members together. There were present:

C. W. Perry, Clare; Adelbert Culver, Albion; W. H. Bennett, Big Rapids; Henry Ohrns, Detroit; Girden O. Williams, Rockford, Ill.; Herman Pistorius, Saginaw; D. C. Griffin, Ypsilanti; Ariel N. Wilson, Toledo, Ohio, and Frank E. Jones, Ann Arbor.

They gathered early in the day and spent the time very pleasantly together visiting the buildings on the Campus and meeting those who were students in other departments with them and renewing many old acquaintances. They of course took a look at the old "cat hole" where it is said an old boiler lay at one time and at the covered stairway where legends are told of a cow wending her way to the Homœopathic lecture room, and other places of once historic interest, after which they took a car ride about the city and to the home of the secretary where the roll of the class was called and nearly all of the members accounted for. About forty were reported as deceased.

After this the class was entertained at dinner which they enjoyed to the full together, relating many interesting stories of college life and accounting for themselves since leaving, reading letters from those who could not be present, and in general social converse. Later a picture was taken of those present and they then adjourned to the Senate reception where after a pleasant evening they dispersed, feeling that it had been worth all the effort and expense "to be boys again just for a day."

FRANK E. JONES, Secy.

'77m

The class of '77*m* held their reunion in the lecture room of the Medical Building. Of the class of eighty-four members, eight were present, as follows:

Fanny Searls Gradle, Chicago; Ada J. Healey Andrews, Fargo, N. Dak.; Harris A. Canfield, Bradford, Pa.; James J. Lyon, Sault Ste Marie, Mich.; Lucian G. North, Tecumseh, Mich.; George A. Newton, Dayton, Ohio; George W. Palmer, Chelsea, Mich.; Oscar S. Armstrong, Detroit.

On motion, Fanny Searls Gradle was elected president, and O. S. Armstrong reëlected secretary.

Letters of regret at being unable to be present were read from some twenty old classmates. Each of those present gave a brief history of his experience, and a good old-fashioned visit was enjoyed.

Dr. Newton voiced the general opinion that those present express their appreciation of the kindness, goodness and ability of their old professors, Ford, Palmer, Douglas, Dunster, Maclean, Frothingham, Gerrish, Prescott, Cheever, and Wilder, all of whom

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are dead except Drs. Gerrish and Wilder. It was voted that the class have an interim reunion in 1910 and try and have every living member present. Adjournment was made to the Cook Hotel, where an appetizing banquet was enjoyed and farewells said until 1910.

O. S. ARMSTRONG, Secy.

'82

After twenty-five years "out in the wilderness," '82 came together for a fine reunion. Some had not been back since graduation, and with gray hair or no hair showed as much of a change to their classmates as did the Campus to them, so it was an even stand-off.

They assembled at 10:30 in Room 17, North Hall, and organized by electing J. E. Beal, president, W. B. Cady, secretary, and Frank B. Leland, treasurer. Of the seventy-eight who were graduated over one-half are alive and over half of those were present, some coming from Mexico and some from the Pacific coast.

The women's gym was made to resound with the old college songs, a few of which were so old they were new to those walls. With nine 'rahs for '82 they adjourned for luncheon at the home of J. E. Beal, where, with their wives and husbands, the party numbered forty. This function being accomplished with ease, they felt strong enough for a picture, which was successfully taken by Randall without any casualty.

With tallyho, wagonettes and carriages, a drive to the athletic field, the new boulevard, and about town was accentuated with a bass drum, skilfully played upon by Harold Wilson, and with horns by everybody. Despite the noise the horses heroically refused to run away.

The evening banquet furnished a good time, with songs, speeches and reminiscences. Another reunion will be held in 1912.

Those present were:

John Bennett, Willard Beakes, J. E. Beal, Milie Bunnell, W. B. Cady, Professor D. H. Campbell, Professor Edward Campbell, W. L. Clements, E. L. Cole, Benjamin Douglas, Judge J. H. Grant, Robert T. Gray, Herbert Hodge, Frances (Clark) Robinson, Clarence Lightner, Frank B. Leland, Professor Andrew McLaughlin, Dr. D. E. Osborne, Professor Jacob E. Reighard, Fred A. Robinson, J. M. C. Smith, H. H. Spencer, William Streeter, Dr. Harold B. Wilson, F. W. Whiting.

J. E. BEAL, President.

'82m

The quarter-centennial reunion of the medical class of 1882 was held in the lower lecture room of the New Medical Building, Wednesday, June 19, 1907, with the following members present:

Dr. Mary I. E. Brown (Winslow), Seattle, Wash.; Dr. Margaret Pagelson (Howard), Boston, Mass.; Dr. Flora Hubbard Ruch, Saginaw, Mich.; Dr. O. S. Bailey, Lansing, Mich.; Dr. O. H. Law, Detroit, Mich.; Dr. I. N. Wright, Newark, Ohio; Dr. C. H. Rodi, Calumet, Mich.

The meeting was called to order by Dr. O. H. Law. Dr. J. N. Wright, of Newark, Ohio, was elected secretary editor, and Dr. C. H. Rodi, of Calumet, Mich., was elected president.

Five minute speeches were made by each member of the class, reviewing personal histories since graduation. A class picture was also taken, and then the meeting adjourned.

C. H. RODI, Pres.

'87

The class of '87 held a reunion on its twentieth anniversary, the best the class ever held. Those present will never forget the jolly good times they had in recognizing each other, in talking over old times, in singing the old songs, and relating the history of each classmate as the roll was called.

At six o'clock p. m. on Alumni Day, a photograph was taken of the class in front of the Main Building. From 6:15 p. m. to 8 p. m. the class met in Dr. Frieze's old Latin room. J. D.

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Hibbard, of Chicago, was elected chairman of the meeting, and David Heineman, of Detroit, was chosen toastmaster. At 8 p. m. the class and their friends marched to the banquet hall where a sumptuous feast awaited them, and the festivities were continued.

At the election of officers J. D. Hibbard was elected president and L. P. Jocelyn, secretary-treasurer, for five years. It was decided to hold the next reunion in 1912. At 10 p. m. the class marched in a body to the Senate reception and greeted President Angell and the few remaining professors of their day. Between twenty and thirty of the class spent a number of days visiting old friends. The following were here during Alumni Week:

James E. Ball, Marquette; Charles P. Beckwith, Detroit; Frank E. Beeman, Kearney, Neb.; Mrs. Emma Beers Schmermund, Greenville, O.; Mrs. Anna L. Campbell Covell, Lynn, Mass.; M. J. Cavanaugh and wife, Ann Arbor; Charles H. Cooley, Ann Arbor; Mrs. Charlotte Howell Boyd, Chicago, Ill.; Grace L. Howell, Chicago, Ill.; William H. Hawkes and wife, Ann Arbor; David E. Heineman, Detroit; Louis P. Joceyln and wife, Ann Arbor; Mrs. Dora Kennedy Matthews, Detroit; Moritz Levi, Ann Arbor; Robert W. Moore and son, Hamilton, N. Y.; Thomas F. Moran, Lafayette, Ind.; James L. Skinner, Ann Arbor; Franklin S. Velde, Pekin, Ill.; Seward Cramer and wife, Ann Arbor; Charles Y. Dixon, Amherstburg, Ont.; John D. Hibbard, Chicago, Ill.; George Hodge, New York.

Eighty-three out of ninety-eight are living. L. P. JOCELYN, Secy.

'87m

At the twentieth reunion of the class which graduated from the Department of Medicine and Surgery of the University of Michigan in 1887 there were present:

Drs. G. C. Hafford, Albion, Mich.; L. C. Backus, Fayette, Ohio; L. A. Brewer, Toledo, Ohio; George McIntyre, Mayville, N. Dak.; D. D. McNaughton (and wife), Argyle, Mich.; Henry Boss, Holland, Mich.; Katharine Hathaway Salmon, Syracuse, N. Y.; Mary Edna Goble, Peekskill, N. Y.; H. D. Hodge (and wife), Jackson, Mich.; J. C. Gauntlett, Elk Rapids, Mich.; Frederick C. Thompson, East Tawas, Mich.; J. W. Decker (and wife), Lake City, Mich.; and G. Carl Huber, Ann Arbor.

All of these met at 10 o'clock on Alumni Day in the Histological Laboratory in the New Medical Building, and discussed old times and experiences since leaving the University. At 12:30 that day the class adjourned for a lunch given by Mrs. and Dr. Huber at their residence on Hill Street. After the luncheon the members of the class formed a permanent organization for the purpose of stimulating and planning a reunion to be held five years hence. Dr. L. C. Backus, of Fayette, Ohio, was elected president, and Dr. G. Carl Huber, of Ann Arbor, secretary. G. CARL HUBER, Secy.

'97

The class of '97 kept open house on Alumni Day in Room B. A business meeting was held at 11 a. m. at which it was decided to hold a reunion every fifth year, with a special reunion in Commencement Week of 1917. The president of the class will appoint a special reunion committee to take charge of this latter event and make it a celebration worth remembering. The '97 scholarship fund was, by action of the class, placed in charge of the President, Secretary and Treasurer of the University, to be administered according to their discretion. The class dues, which were 25 cents every two years, were increased to 20 cents per year, due every five years. No change was made in the class officers except that Evans Holbrook, of Ann Arbor, was made secretary for the men of the class in the Literary Department.

From 4:30 to 5:30 punch was lavishly dispensed at the class headquarters and an informal reception held. At 6 o'clock the members met at the Pi Beta Phi house on Tappan Street

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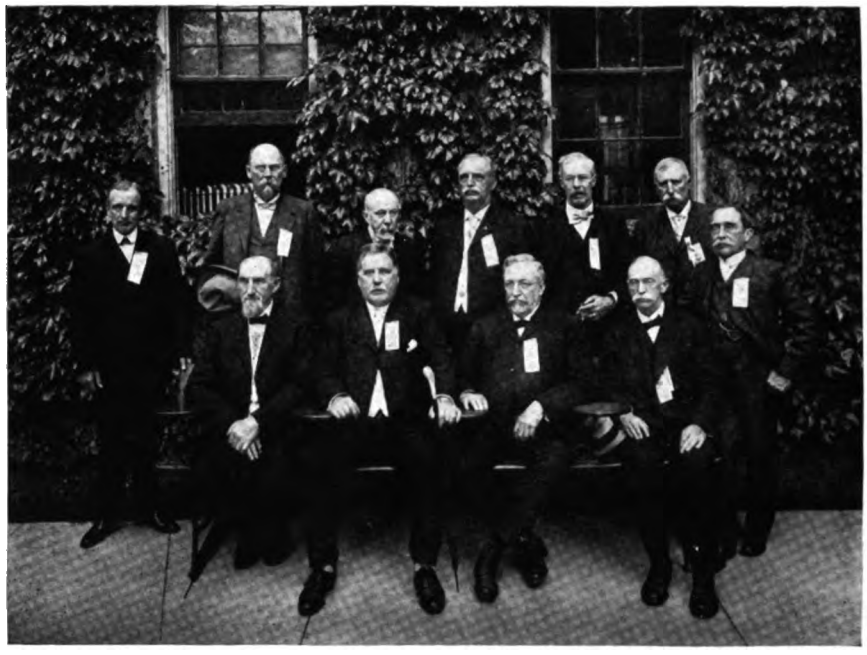

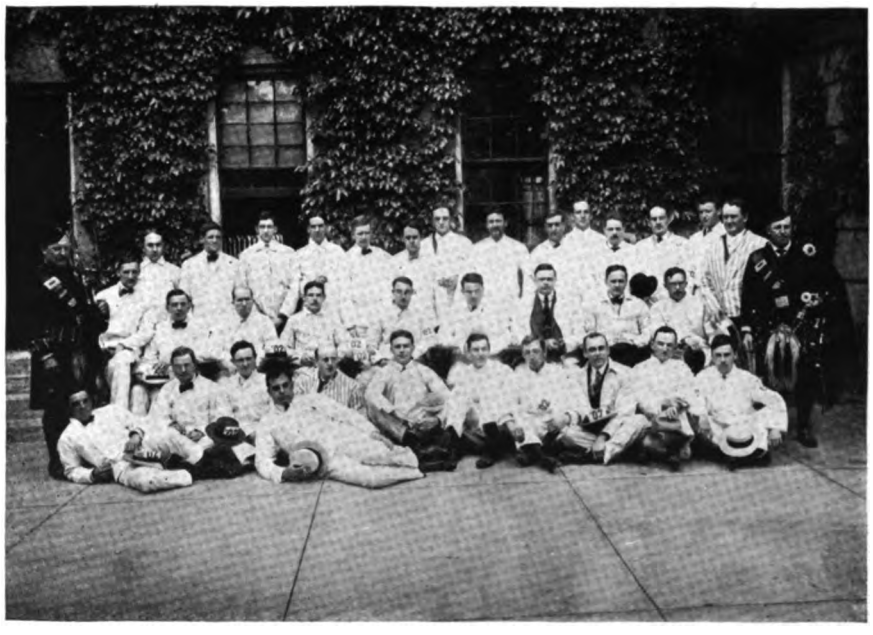

LITERARY DEPARTMENT PHOTO BY LYNDON

REUNIONS OF THE OLDEST AND THE YOUNGEST CLASSES, '67 AND '02

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(formerly Professor McLaughlin's residence) where they underwent the ordeal of being photographed by Lyndon, and enjoyed a delightful dinner.

Following are the members of '97 who registered on Alumni Day:

Mary J. Anderson, Battle Creek; Georgia F. Bacon, Pontiac; Elmer S. Bassett, Chicago; Mabel Bosworth (Crozier), Tura, Assam, India; Orma F. Butler, Ann Arbor; Dr. R. B. Canfield, Ann Arbor; Charles F. Chubb, Pittsburg, Pa.; Ralph Collamore, Detroit; M. A. Gilbert, Detroit; H. T. Harrison, Cleveland, Ohio; G. F. Heffelbower, Scio, Ohio; Anna Hill (Wisely), Port Richmond, New York City; Evans Holbrook, Ann Arbor; Edwin H. Humphrey, Detroit; Kate E. Macfadzean, Port Huron; J. H. Montgomery, Detroit; William F. V. Newman, Detroit; Belle Otis (Middleswort), Marietta, Ohio; Marian Otis (Porter), Buffalo, N. Y.; Dr. Herbert M. Rich, Detroit; J. F. Rieman, Reading, Mich.; Mrs. Louise L. Roberts, Galesburg, Ill.; F. J. Seabolt, Schenectady, N. Y.; Arthur M. Smith, Ann Arbor; John C. Spaulding, Detroit; Mary Maclean Thompson, Detroit; Dr. F. R. Waldron, Ann Arbor; Grace B. Wallace, Lansing; Nellie Walters (Krogman), Ishpeming; Jennie P. White, Lansing.

ARTHUR M. SMITH.

'97L

The first decennial reunion of the '97 law class was held in Room D, Law Building, on Wednesday, the 19th of June. This class was the first one to graduate from the three-year course and as a consequence had only fifty members. Of these ten returned for this year's reunion. The members in attendance were:

Charles S. Abbott, and Charles L. Bartlett and wife, Detroit; Herbert Dancer, Duluth; James S. Handy, Chicago; William L. Hart and wife, Alliance, Ohio; Charles M. Milroy and wife, Toledo, Ohio; James T. Norris, Pittsburgh; Duane C. Salisbury, Battle Creek, Mich.; Charles E. White and wife, Niles, Mich.; Roy Williams and wife, Sandusky, Ohio.

The time was pleasantly spent in calling the class roll, responses from those present, and reading letters and reports from others who were absent. Professor B. M. Thompson and Professor H. L. Wilgus were present and gave interesting talks. During the morning a photograph of the reunion company was taken in front of the Law Building. It was after twelve o'clock when adjournment was taken for lunch.

In the afternoon the class members and their wives met at the Alumni Association rooms and then spent the afternoon together in strolling about the Campus and the University buildings. It was a most happy gathering, and from the reports all were impressed with the fact that the members of '97 Law were generally making good in the business world. It was decided to hold another reunion in 1912.

WILLIAM L. HART, Secy.

'02

Although the men of 1902 were not able to get an account of their meeting into the hands of the editor of THE ALUMNUS in time, the original and enterprising character of their first reunion merits special notice. A circular letter had been sent out early in the year to which each member, as it came, added his word. This aroused a great degree of enthusiasm and when the class came together on Alumni Day they were apparently ready for anything.

The headquarters were in the Michigamua Society rooms on North University Avenue, an organization established by members of the class, and in which they took paternal pride. From there various expeditions were made, always headed by two bagpipers in full Highland costume. After marching around the Campus, meeting old friends in the morning, they made a raid upon the local clothing stores in the afternoon and paraded in white pajamas for the remainder of the day. Their class photograph was taken in this costume with the pipers at either side.

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Those present, according to the registration on the Alumni book, were as follows:

Arthur M. Barrett, Herbert C. Smith, James Turner, George F. Schmid, James Strasburg, Arthur G. Browne, William F. Temple, Charles A. Hughes, Kennedy L. Potter, Winthrop Withington, Melville S. Welt, Neil W. Snow, S. Wells Utley, John A. Bennett, George W. Maxey, Henry J. Brown, Jr., Charles L. Patton, Earl I. Heenan, Aikman Armstrong, Jacob M. Wiest, Henry W. Willis, Merritt C. McNeil, Chason W. Brooks, Bert H. Honeywell, Edgar Stoddard, and Manson A. Stewart.

There were also many girls of 1902 back for the day and they held an informal meeting.

'05e

At the last meeting of the class of 1905*e* in June, 1905, it was unanimously decided to divide the first period of five years, which customarily separates the reunions of a class, by holding the first reunion in June, 1907, and the next in June, 1910; thereafter to conform to the custom of holding a reunion every five years. This decision was characteristic of the unity and exceptional class spirit which had marked this class from the beginning, for five years was considered too long to wait before meeting again. By severing all relations with the Literary Department in the fall of 1901, their freshman year, this class holds the distinction of being the first regular engineering class, though the '04*e*, who separated in their junior year, were the first to graduate as such. Previous to 1901 the engineering classes were part of the Literary Department.

The reunion this year has shown the same spirit to be still active throughout the class. Twenty-five men were present, notwithstanding the fact that the summer is the busiest time of the year for the engineer, and the majority of those not present were heard from by letter, each claiming to be there in spirit if not in fact.

The forenoon of June 19 was spent in greeting old friends and classmates. At one in the afternoon the class met at the Engineers' Bench in the Engineering Court and proceeded on a tour of inspection which included a visit to the Dean in a body, and to each one of the professors who could be found about the building. At 4:30 p. m. a business meeting and "talkfest" was held in Room 309, New Engineering Building, presided over by President A. T. MacDonald, of Tacoma, Wash. At this meeting a beautiful loving cup was presented to the class boy—the first boy born to a member of the class. This distinction fell to Charles Garfield Decker, son of A. J. Decker, '05*e*, of Columbus, Ohio. A custom was established also of presenting a loving cup to the member of the class coming the greatest distance to a reunion. The "Long Distance Cup" was this year presented to Ross M. Coomer, of New York City. At six o'clock the meeting was adjourned to the Cook House where it was continued over the banquet board. After attending the Senate reception in the evening, goodbye's were said with firm resolutions to be present in 1910.

RALPH R. TINKHAM, Secy.

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ANNUAL MEETING OF THE ALUMNI ASSOCIATION

According to the precedent established in 1906, the annual meeting of the Alumni Association was held in Room B of the Law Building where due preparations had been made, including a piano and numerous leaflets giving a generous selection of good Michigan songs. Before the opening of the meeting proper, Levi D. Wines, *'74e,* accompanied by Miss Minnie Davis, of the School of Music, led the singing in which the members of the old classes present joined with enthusiasm. After half an hour spent in this wise, the meeting was called to order by Judge Victor H. Lane, *'74e, '78l,* the President of the Alumni Association. Upon motion of Mr. William N. Brown the reading of the minutes of the previous meeting by the Recorder was dispensed with and the report of the Memorial Committee which follows was presented, and read by Mr. Warren, of the committee.

REPORT OF THE MEMORIAL COMMITTEE

To the Alumni Association of the University of Michigan:

The Alumni Memorial Committee submits the following brief report of the work that has been accomplished during the past year:

It will be recalled that at the last annual meeting plans of the proposed building were submitted, and the committee reported that, in its judgment, it would require the sum of $175,000 for the completion of the structure as proposed.

In compliance with your instructions and authority detailed plans and specifications were prepared by the architects, and we are gratified to report that the building is assured, and the committee has determined upon Saturday, October 19, 1907, as the day for laying the cornerstone.

The net amount of regular subscriptions is the sum of $104,704.75, of which the amount paid into the University Treasury is $73,333.75, upon which interest has accrued to June 1, 1907, amounting to $2,448.46, making the amount of regular subscriptions with interest $107,153.22.

In addition to this the committee has received a pledge of the sum of $50,000, on condition an additional $25,000 should be subscribed. Of this $25,000 the following subscriptions have been made: Arthur Hill, $5,000 (in addition to the sum of $2,000 previously paid); Dexter M. Ferry, $5,000 (in addition to the $1,000 previously paid); Peter White, $1,000 (in addition to the $2,000 previously subscribed); Frank B. Leland, $750 (in addition to the $250 previously subscribed).

The committee also has the definite assurance of the additional subscription of $5,000 from a source which it is not now at liberty to announce, and therefore, reports that of the $25,000 required to make good the pledge of $50,000 there has been obtained the sum of $16,750, which leaves only $8,250 to be raised.

Your committee which was appointed as the committee to coöperate under the terms of the subscription contracts with a committee of the Board of Regents, asks for authority to continue its work until the completion of the building.

Respectfully submitted,
C. B. GRANT.
CHARLES B. WARREN.
E. W. PENDLETON.
HOYT POST.
C. M. BURTON.
V. C. VAUGHAN.
M. L. D'OOGE.
F. H. WALKER.
W. H. BROWN.

It was moved by A. P. Jacobs, of Detroit, that this report of the Memorial Committee be adopted and their request for authority to continue the work be granted. Following the adoption of this report, Judge Grant

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made a short speech concerning the work and told of the many difficulties they had overcome in bringing the project to its present successful issue. Two more pledges were received, one of $100 from Mr. Olds, and the other of $1,000 from Frank P. Glazier. The report of the General Secretary, which follows, was then read.

REPORT OF THE GENERAL SECRETARY

June 19, 1907.

To the Members of the Alumni Association of the University of Michigan:

The Alumni Association this past year, the tenth of its existence under its present organization, has been especially fortunate. Our financial situation is in more satisfactory shape than it has been for several years; we have enrolled over 500 new members, and have collected over $1,000 from old accounts, memberships which have fallen behind from three to seven years. We have placed many of our various activities upon a more practical basis; we have, during this past twelve months, brought the card catalogues of alumni practically up to date. We have organized a complete bureau for the sending of engravings of University buildings about the state, and have over 500 engravings and electros in our cabinet and indexed upon cards. Mr. Stevenson, our business manager for THE ALUMNUS, has also placed THE ALUMNUS advertising upon a more practical footing. I have felt, and I think I may say the same for your Directors, that we have come to a fuller comprehension of our limitations and a closer approximation of our possibilities.

The longer I am connected with the work of this Association, the more impressed I become with its possibilities as an aid to the University and to its growth. We have taken a broad view of our duties not only in the work of the Association but the editing of THE ALUMNUS as well, and have striven to keep it as close as possible to the real springs of student life. We feel that a purely academic attitude—we use this expression with due apology to Mr. Bliss Perry—would be a mistake, and that to edit satisfactorily an alumni magazine we must portray, as far as it lies in our power, all sides of this complex and specialized "world within a world" in which we live. In addition we have been able, this past year, in THE ALUMNUS, to stick more closely to our text, discussing only matters which pertain intimately to the University and its student and alumni body.

While I shall say little further along these general lines, I shall try to present statistics regarding our varying activities that will speak in themselves for our year's work.

The activities of the Association divide themselves naturally into four groups. (1) The publication of THE ALUMNUS. (2) The publication of the *News-Letter*. (3) The maintenance of the card catalogue of the alumni, and (4) finally the various duties more strictly in accord with an organization of this character,—such as the fostering of alumni organizations about the country; the maintenance of a central headquarters for the alumni in our Alumni Room; and the encouragement of the alumni reunions and the various duties within the province of this Association on this day.

1. We shall speak first regarding THE ALUMNUS. Let me say in the first place that with one exception in point of circulation it is the largest college publication in the country, the Yale *Alumni Weekly* alone exceeding it. During the past year we have published 6,600 numbers each month with the exception of July, when we send no copies to the seniors in the University. During the remainder of the year we send every senior a complimentary copy, in the hope that he may be induced to subscribe.

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During the past year we have added 540 new subscribers to THE ALUMNUS including many members of last year's class. We have already nearly 200 members of the present senior class enrolled as subscribers to THE ALUMNUS.

We have this year increased the fund furnished to the Association through the endowment memberships by $3,000. The total amount now invested in bonds is $17,500 with $500 still uninvested. The total is invested as follows: All first mortgage bonds, Beta Theta Pi Fraternity, $4,000; Phi Delta Theta Fraternity, $7,000; Delta Upsilon Fraternity, $5,000; Nu Sigma Nu Fraternity, $1,500. All of these yield interest at 5 per cent, giving to the Association at present an income of $875.

During the past year we have paid some especial attention to the collection of back subscriptions, especially annual subscriptions, and have received from overdue annual memberships $829. This sum has been largely brought in by a series of vigorous letters to backward subscribers, although a portion of it has come through personal solicitation. We hope with persistence to bring in a large portion of the total amount due.

We have also added to our roll thirty-one new endowment members, giving us a total addition of $1,105; of this $884 will eventually go to the endowment fund. In addition to this we have collected $265 from endowment members who have allowed their obligation to fall in arrears. These endowment memberships upon which none, or at best but one or two, payments have been made during the last seven or eight years, form the most difficult problem before the Association. We have found it difficult and in most cases almost impossible to collect these claims, which are in practical effect notes upon which payment could be forced. We do not feel, however, like resorting to extreme means, and in default of such recourse we find it a very puzzling matter to bring in the large sum which is at present due. These back endowment memberships amount in money now due this Association to a total of $12,856, upon all of which, so far as we have heard from the endowment members in question, there is still a possibility of collection. This indebtedness is divided as follows:

157	owe the	total of	$35
127	"	"	30
63	"	"	25
56	"	"	20
59	"	"	15

A total of 462 endowment members who are back from $15 to $35.

In previous reports to this Association the seriousness of this problem has been pointed out. For various reasons a certain portion of the total amount is undoubtedly uncollectable. Severe methods might bring in another portion. The remainder might be collected by personal solicitation or in some cases by a series of letters. The difficulty in this matter, however, is to separate the sheep from the goats, or to arrange personal interviews with some 500 odd individuals scattered the length of the United States. The expense of a vigorous follow-up system, such as is required, upon the slender capital of the Alumni Association is also a deterring factor in the question.

Meanwhile, we have, according to our custom, continued to send THE ALUMNUS to everyone who has once been a subscriber, unless definitely requested to discontinue. The number of these back obligations brought in during the past year justifies our patience in continuing to send THE ALUMNUS.

II. The second branch of our work is the publication of the University *News-Letter*. For the past few years we have received $300 from the Regents for this publication. We have changed its character somewhat this

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past year and have tried to make it more acceptable to the state newspapers for which it is designed especially. Twenty-five numbers of 2,000 copies each are issued during the college year, reaching high schools and colleges of the state, as well as the newspapers. The expense to the Associatino of publishing the *News-Letter* for the past three years, however, has been over $800 so that the annual deficit of the past three years may be ascribed to the Association's publication of the *News-Letter*. This past year the Regents granted us $500 to defray this expense, and enabled us to meet the total cost of publication for the one year. It is the opinion of your Directors, however, that the Association is not financially able to undertake the publication of the *News-Letter* at its own expense and hopes that we may have a sufficient appropriation to meet the necessary expense.

III. One of the most valuable activities of this Association is the maintenance of the card catalogue of alumni of the University. We have at present on this catalogue between 23,000 and 24,000 addresses, and we are adding to it every day. The Association maintains an especial assistant, Miss Lilian Warner, who gives practically her whole time to this work. Within the last two years we have included the names of all the recent graduates of the University, and have brought the list of non-graduates down, as nearly as practicable, to the present time, inasmuch as many of them will return eventually to take their degree. These names are all included in the alphabetical list. We also maintain a geographical list, by states and cities, which is used in the addressing of the various cards and letters sent out from this office. I might say also that it would be well to maintain another list of the alumni, by classes, or at least to prepare a list of the last five classes, which would be supplementary to the decennial catalogue, published in 1902 which forms the basis of the whole catalogue. Toward the maintenance of this catalogue we have been given the sum of $500 by the Regents, all of which is practically expended in this work, including the salary of the assistant, and the large amount of postage necessitated.

These records are invaluable to the University and should be protected by a fireproof vault. As it is at present they are in great danger of destruction by a possible fire. Their loss would be one which it would take many years to replace.

IV. As for the general work of this Association: Several new Alumni Associations have been organized this year including one in the Copper Country, in the northern peninsula. We have at present also 37 local Alumni Associations, the most of which are in a flourishing condition and are bringing great honor to the University. For a further work of the Association in its relation especially to the alumni we shall let this day and occasion speak for itself. We see many things which might be improved and hope they may be within the next few years. The class spirit and the interest in reunions is increasing year by year and it is the hope of the Secretary that eventually we may establish at Michigan a fund similar to that at Yale in which each class vies with the preceding one to give a larger sum at their reunions. The greatest rivalry has sprung up among the classes meeting for their twenty-fifth reunion and a large sum has been given to the University to be used in any way the authorities may see fit. I hope that we shall see this practical way of evidencing college spirit instituted at Michigan within the next few years. It not only aids the University but has been a very potent influence in binding the Yale alumni to their alma mater.

We have also sent out from this office

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two communications to every alumnus, pertaining to matters connected directly with our work. The Michigan Union has also sent out two series of letters and the Memorial Committee one, to every alumnus of the University whose address we have.

In concluding this report I must express my personal thanks to Professor Demmon, who has for so long furnished such valuable help to the editors of THE ALUMNUS. His interest in the work in his department has been great, and the present satisfactory state of the alumni catalogue is due in no small measure to his disinterested efforts. I also wish to express my regard for the Business Manager of THE ALUMNUS, Mr. H. C. Stevenson, who is to leave us after two years' work, and for his work among the alumni, both by personal solicitation, and through correspondence and collections.

By way of summary. The work which lies before this Association is plain.

1. We must continue to add new members to our roll. We have not reached our possible limit in an alumni body, with one possible exception the largest in this country.

2. We must collect as much as possible of the large sum now due us from back subscriptions. Much of the work of this Association is of a missionary character, and necessarily will continue to be so, but we must continue to keep our work upon a paying basis.

3. We must do all in our power to further the interests of the University among the students and alumni. The fact, that, according to many shrewd observers, we have the best college spirit of any University in the West, should only indicate to us our possibilities of the future.

Respectfully submitted,
WILFRED B. SHAW,
General Secretary.

FINANCIAL REPORT FOR YEAR 1906-1907, ENDING JUNE 15, 1907

Receipts

Endowment memberships, permanent fund	$1753 87
Endowment memberships, usable	555 25
Annual memberships	3454 95
Advertising in THE ALUMNUS	2170 34
Interest on endowment fund	806 13
University of Michigan, advertising in THE ALUMNUS	600 00
University of Michigan, *University News-Letter*	550 00
University of Michigan, work on Card Catalogue	501 00
Sale of ALUMNUS	5 46
Commencement expenses, rebate Michigan Passenger Association, etc	6 00
News-Letter subscriptions	2 50
Ledger accounts	20 00
Total cash receipts	$10425 50
Cash and bonds on hand, June 15, 1906	16410 96
Total receipts	$26836 46

Expenditures

ALUMNUS printing	$ 4033 14
Second-class postage	329 36
Business Manager ALUMNUS, H. C. Stevenson	1039 00
Card Catalogue revision	235 67
Commencement expense	29 70
Engraving	74 29
Incidentals	71 84
Furniture and fixtures	31 92
Interest payable	123 52

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News-Letter printing	$ 266 53
News-Letter editing	100 00
Postage, general	227 14
Reading room expense	51 05
Salary, Secretary	1262 50
Stenographers	560 50
General printing and stationery	9 65
Travelling expense	248 59
Total expenses	$ 8694 39
Endowment fund, cash, 1907	541 59
Endowment fund, bonds	17500 00
Available cash on hand	100 48
	$26836 46

The assets of the Alumni Association are:

Advertising accounts (net amount due less 15%)	$ 1073 56
Annual memberships due, estimated same as last year	600 00
Endowment memberships due, estimated same as last year	825 00
Fixtures	850 00
Paper, stationery, etc., on hand	100 00
Interest due July 1	275 00
Due from University	475 00
Cash and bonds on hand	18142 07
Total	$22340 63

The liabilities of the Alumni Association are:

Bills payable	$ 1500 00
Interest due on same	35 00
Expense of last three numbers of THE ALUMNUS, estimated	980 00
General printing bills	175 00
Secretary's salary to Sept. 1	512 09
Stenographer's services	144 00
Engraving bill	30 00
Commencement expense	20 00
News-Letter postage	97 80
News-Letter printing	384 00
Business Manager	291 00
Total	$ 4169 30
Endowment fund, cash	541 59
Endowment fund, bonds	17500 00
	$22210 89
Balance	$ 129 74

Yours sincerely,
WILFRED B. SHAW,
General Secretary.

It was moved and carried that the report of the General Secretary be accepted. The report of the Treasurer of the University was made by the Recorder and upon motion of Judge Grant, was accepted. The report of the Auditing Committee and the expert accountant, engaged by that committee, was read and accepted and placed upon file. These reports follow:

To the Members of the Alumni Association of the University of Michigan:

The committee appointed to audit the accounts of the Alumni Association begs leave to submit the following report: The task of examining the books of the General Secretary was assigned to Mr. D. W. Springer as expert, whose report is incorporated in this report. The committee ex-

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WILLIAM HAROLD PAYNE
PROFESSOR OF EDUCATION, 1879-1887. 1901-1907
DIED JUNE 18, 1907

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amined the securities of the Association and found that they consist of eight bonds of $500 each, made by the Beta Theta Pi Fraternity, belonging to a series of forty bonds of like denomination secured by a mortgage given to F. H. Belser, cashier of the Farmers and Mechanics Bank, Ann Arbor, and bearing interest at 5 per cent. Fourteen bonds of $500 each made by the Alumni Association of Michigan Alpha Chapter of Phi Delta Theta, belonging to a series of thirty bonds of like denomination secured by a mortgage given to the Detroit Trust Company and bearing interest at 5 per cent. One hundred bonds of $50 each made by Michigan Chapter of Delta Upsilon Fraternity, belonging to a series of two hundred and eighty bonds of like denomination secured by a mortgage given to Frederick H. Belser, trustee, and bearing interest at 5 per cent. Three bonds of $500 each, made by the Alpha Chapter of Nu Sigma Nu, belonging to a series of thirty bonds of like denomination, secured by mortgage given to Frederick H. Belser, cashier of the Farmers and Mechanics Bank, and bearing interest at 5 per cent. The total amount of these securities is $17,500. The Treasurer of the University has in his hands and belonging to this Association in cash and certificates of deposit the sum of $642.07. The fixtures of the Alumni Association's office are insured to the sum of $750. Your committee finds that the securities of the Association are deposited in the safe of the Treasurer of the University, but that there is some question as to who is their legal custodian. We beg leave, therefore, to recommend that the Association instruct the General Secretary to place the securities in the Treasurer's hands and to obtain his receipt therefor. We recommend further that the President of the Association request the Board of Regents to instruct the Treasurer of the University to act as custodian of the Association's endowment fund.

GEORGE W. SAMPLE.
I. D. LOREE.
LOUIS A. STRAUSS.

Messrs. Sample, Loree and Strauss,
Auditing Committee of the University of Michigan Alumni Association:

At your request I have made an examination of the books and vouchers for the past year and find that they show a balance of $18,142.07 on hand in cash or securities at the end of the year. Of this amount $18,041.59 is in the permanent fund and $100.48 is in the available fund. It has been impossible to secure from the printers a detailed statement of accounts in time for the meeting this afternoon, but the same will be published in the July number of THE ALUMNUS.

Respectfully submitted,
D. W. SPRINGER.

NECROLOGIST'S REPORT

The General Secretary then read the necrologist's report for Professor Demmon, which was as follows:

Literary Department	47
Engineering Department	9
Medical Department	43
Law Department	64
Pharmacy Department	4
Homœopathic Department	5
Dental Department	7
Honorary	4
	183
Non-graduate students in all Departments	183
Total	366

Upon proceeding to the election of a new member of the Board of Directors to take the place of Judge Loyal E. Knappen, the nominating committee, composed of Milton Jackson, '67, Thomas F. Moran, '87, and Alvick A. Pearson, '94, nominated Horatio N. Chute, '72, of the Ann Arbor High School, who was unanimously elected. The meeting then adjourned after a final song.

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COMMENCEMENT EXERCISES

The sixty-third annual Commencement of the University of Michigan occurred the morning of Thursday, June 20, in University Hall, according to the established custom of many years. The Commencement address was delivered by Ira Remsen, LL.D., President of Johns Hopkins University. Exclusive of the Honorary degrees, which were nine in number, and the degrees granted in the period between January and May, 820 diplomas were given out by President Angell. As heretofore, the members of the various classes met at their respective buildings and filed to University Hall as shown in the small illustrations in this number. The classes formed in line down either side of the main entrance walk to University Hall, and down the aisle thus formed the procession, headed by Major Harrison Soule as Chief Marshal, President Angell, Dr. Remsen, and then the Regents of the University, passed. They in turn were followed by the alumni, then the candidates for advanced degrees. Then came the various classes in the established order.

Seats in University Hall were reserved entirely for the candidates for degrees, members of their family, and the alumni and Faculty of the University. Each senior was given one ticket for his family and every alumnus was given a ticket until the supply was exhausted, assuring the attendance of only those who had some distinct personal interest in being present.

The oration delivered by President Remsen is printed on another page. At the conclusion the degrees authorized by the meeting of the Board of Regents, held the previous day, were conferred individually by President Angell, to the long line of seniors passing across the stage of University Hall, as follows:

Bachelor of Arts	289
Master of Science	1
Master of Arts	23
Doctor of Philosophy	7
Bachelor of Science (in Marine Engineering)	4
Bachelor of Science (in Chemical Engineering)	14
Bachelor of Science (in Electrical Engineering)	33
Bachelor of Science (in Mechanical Engineering)	51
Bachelor of Science (in Civil Engineering)	46
Master of Science	3
Electrical Engineer	2
Mechanical Engineer	2
Doctor of Medicine	52
Bachelor of Laws	204
Master of Laws	1
Pharmaceutical Chemist	18
Bachelor of Science (in Pharmacy)	10
Doctor of Medicine (Homœopathic College)	15
Doctor of Dental Surgery	45—820
Degrees granted between January and May, 1907:	
Bachelor of Arts	10
Bachelor of Science (in Mechanical Engineering)	2
Bachelor of Science (in Civil Engineering)	1
Bachelor of Laws	2
Master of Laws	1
Doctor of Medicine	1
Doctor of Dental Surgery	1— 18
Grand total	838

After the Baccalaureate and advanced degrees were granted, the following Honorary degrees were conferred:

Master of Arts:
James B. Herrick, A.B. '82, Assistant Professor of Internal Medicine, Rush Medical College.

Doctor of Science:
Carlos B. Cochran, '77, Professor of Physical Science, Westchester Normal, Pa., and state analyst.
George C. Comstock, '77, Director of the Washington Observatory, University of Wisconsin.

Bachelor of Science in Civil Engineering:
James McNaughton, general manager of the Calumet and Hecla Mining Company.

Bachelor of Science:
Rafael del Valle, '01*p*.

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Doctor of Laws:
Charles S. Cutting, of Chicago, Probate Judge of Cook County.
Job Barnard, '67*l*, Assistant Justice Supreme Court, District of Columbia.
Edgar Aldrich, '68*l*, Littleton, N. H., United States District Judge of New Hampshire.
Count Montessus de Ballore, of France, eminent authority on earthquakes.

THE COMMENCEMENT DINNER

Following shortly the Commencement exercises, the Commencement dinner was held in Waterman Gymnasium with six hundred covers laid, almost filling the Gymnasium. The speakers' table was placed down one side of the center of the room with the other tables arranged transversely.

Following the dinner, which was an excellent one and well served, a number of toasts and addresses were given by some of the distinguished guests and alumni. President Angell, as usual, presided, and after a few remarks he called upon Dr. Ira Remsen, the guest of honor. He was followed by Judge Newkirk, the local representative in the Michigan State Legislature, who told of the efforts made in securing the increased appropriation just granted. Judge Charles S. Cutting, of Chicago, and Judge Edgar Aldrich, of Littleton, N. H., both of whom had been granted honorary degrees, also spoke.

Representing the classes who met in reunion, Professor Andrew C. McLaughlin, '82, now of the University of Chicago, Thomas M. Potter, '67, President of the Board of Regents of the University of Kansas, and the Rev. Henry C. McDougall, '77, spoke in behalf of their respective classes. In closing Professor Martin L. D'Ooge led in the singing of the Doxology.

SPECIAL EVENTS OF THE WEEK

THE BEN GREET PLAYS

The annual return of the Ben Greet players for the Commencement season occurred on Tuesday and Wednesday of Commencement Week. The annual Ben Greet summer engagement has become an accepted matter. The arrangements were well made and an interested and enthusiastic audience followed all of the open air productions. The alumni and friends of the graduates who had returned were especially impressed with the beauty of Shakespeare's pastoral dramas as presented in this way. Three plays were presented. In the afternoon of Tuesday, June 18, the company played the "Comedy of Errors," and in the evening of the same day, the "Merry Wives of Windsor," never before given in Ann Arbor. On Wednesday afternoon, following the alumni meeting, the outdoor scenes of "Much Ado About Nothing" were presented by the company. Perfect weather prevailed all through the perfromances, although a thunder storm threatened for a while on Wednesday afternoon.

There was a large attendance at all three performances and the receipts were about $1,800. Of this sum the University will receive about $430 as an addition to the University dramatic library fund, which has already received nearly $2,000 from previous performances by this company.

OPEN HOUSE AT THE GYMNASIUM

As has been the custom for several years, the Association of Collegiate Alumnæ, together with the Alumni Association, kept "open house" for returning alumni in the parlors of Barbour Gymnasium on Alumni Day, June 19. Badges giving the class numerals of the alumni were furnished in addition to those given by the Alumni Association as an especial iden-

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tification for the members of those classes that had no regular reunion. Light refreshments were served from 10 to 12 a. m.

THE SENIOR RECEPTION

The Senior Reception and dance was held Tuesday night, June 18, in Waterman and Barbour Gymnasiums, with about two hundred couples on the floor. Attractive souvenir programs were given and the dancing lasted until well after twelve.

THE SENIOR GIRLS' PLAY

Mrs. Steele Mackaye's dramatization of Jane Austin's "Pride and Prejudice" was the subject of the annual play of the senior girls given Commencement Week. As usual, the play was given in Sarah Caswell Angell Hall, on the afternoon of Monday, June 17. Only a limited number of admission tickets was sold and the proceeds were given to ——— fund.

The actors appeared in the costume of the later 18th century, and were under the direction of Mrs. William Hofmann of the University School of Music. Great credit is due the members of the class who made up the cast as well as to Mrs. Hofmann for the excellent character of the performance. The dramatis personae was as follows:

Mr. Darcy.....Lulu Liesemer
Mr. Bingley.....Hazel Hill
Colonel Fitzwilliam.....Rena Mosher
Mr. Bennet.....Florence Carey
Mr. Collins.....Muriel Streibert
Sir William Lucas.....Helen Mead
Colonel Forster.....Eileen Root
Mr. Wickham.....Leila Avery
Mr. Denny.....Louise Nixon
Harris.....Ruth Rizer
Mrs. Bennet.....Adelaide Hunter
Jane.....Margaret Dresser
Elizabeth.....Berenice Gallup
Lydia.....Louise Reimold
Lady Lucas.....Viola Merwin
Charlotte Lucas.....Ethel Streibert
Miss Bingley.....Bessie Cass
Lady Catherine de Bourg..Helena Duschak
Hill.....Viola Merwin
Martha.....Edna Rauch

THE SENIOR PROMENADE

One of the most popular events of the Commencement Week has always been the annual senior promenade which occurs on Monday night. The Campus was beautifully illuminated with Japanese lanterns which were all new after the storm of a year ago. A row of arches was stretched up the broad walk from the band stand near the street to the main entrance of University Hall, sustaining long strings of Japanese lanterns. The walks out from the main entrance were also decorated to the street in the same way.

The weather was perfect and an immense crowd of seniors with their friends, and townspeople, were present. Most of the fraternity houses in the vicinity were also decorated with Japanese lanterns.

WILLIAM HAROLD PAYNE, 1836-1907

SENATE MEMORIAL, PRESENTED BY PROFESSOR DEMMON AT THE MEETING OF THE UNIVERSITY SENATE, HELD JUNE 25, 1907

For the second time during the academic year just closed death has invaded our ranks and carried off one of our number. Amid the festivities and felicitations of commencement week we were arrested by the sad intelligence that Professor Payne had answered the final summons that sooner or later must come to each one of us. In the early morning hours of Tueday, the 18th instant, he slipped peacefully away, and at the solemn evening hour of Thursday, the 20th, his mortal remains were laid to rest in Forest Hill. The man of quiet and unobtrusive mien whom to know was

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to love, the accomplished thinker, the profound scholar, the skilful administrator, the warm-hearted friend, after a half century of distinguished service in educational work has closed his career and passed forever from mortal view. We who are left have come together, as our custom is, to do honor to his memory, to make some brief record of his virtues and his achievements, and to express our sense of personal loss.

William Harold Payne was born at Farmington, Ontario County, New York, May 12, 1836, son of Gideon Riley and Mary Brown (Smith) Payne. He was educated in the common schools and later in the Macedon Academy and in the New York Conference Seminary at Charlotteville. His career as a teacher was begun in the country schools, from which he passed to the headship of the public school at Victor, New York. In 1858, at the age of twenty-two, he came to Michigan to take the principalship of the Union School at Three Rivers, where he remained six years. For the next two years he was in charge of the schools at Niles, Michigan. In 1866 he was called to Ypsilanti to take the principalship of the Union Seminary, then the leading preparatory school of the State. Three years later he accepted the superintendency of schools at Adrian, Michigan, where during the next ten years he greatly extended his reputation as an administrator and educational writer. In 1879 he was appointed to the newly established chair of the Science and Art of Teaching at the University of Michigan. Eight years later, on the death of the Chancellor of the University of Nashville, (who was also head of the Peabody Normal College), the trustees of the Peabody Education Fund turned to Michigan for a successor; and Professor Payne was induced to leave a place to which he was deeply attached, for the more arduous task of carrying on the great work begun by his predecessors at Nashville. This position he continued to fill with marked success for the next fourteen years, bringing the institution up to higher standards and extending its beneficent influence into every corner of the South. On the death of Professor Hinsdale, his distinguished successor at Ann Arbor, he was at once invited to return to his former chair. This, after some hesitation, he consented to do; and thus the heavy burdens of administration were again laid aside for the more congenial work of the classroom.

During his long career as a teacher and organizer, he found time to make valuable contributions to the literature of his subject. From 1866 to 1870 he was editor of "The Michigan Teacher." In 1871 he published an address on "The Relation between the University and our High Schools," which had its influence on the question of certification by diploma then under discussion. In 1875 appeared his "Chapters on School Supervision," and in the spring of 1879, "A Syllabus of a Course of Lectures on the Science and the Art of Teaching." His later works are: "Outlines of Educational Doctrine" (1882), "Contributions to the Science of Education" (1886), and "The Education of Teachers" (1901). Besides these he published translations of Compayré's "History of Pedagogy" (1886), "Lectures on Pedagogy" (1888), "Elements of Psychology" (1890), and "Psychology applied to Teaching" (1893); also, of Rousseau's "Emile" (1892). In 1872 the Regents of the University of Michigan conferred upon him the honorary degree of Master of Arts, and in 1888 the degree of Doctor of Laws. In 1897 the Western University of Pennsylvania conferred upon him the degree of Doctor of Letters.

His singularly sweet and quiet manners were no doubt due in some measure to his Quaker birth and upbring-

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ing. He was always and everywhere a gentle-man. This need not imply that he lacked spirit or courage or force of character; for he had all these in abundance. He was a perfect disciplinarian. In the difficult field of school administration he was tried in a great variety of positions and he met every responsibility with full resources and with mastery. By a happy combination of gentleness, kindness, and firmness he had his own way without seeming to command it. Wholly without bigotry, he was a strict moralist both in theory and in practice. He was a man of strong religious faith, and clung eagerly to the good. He believed in the great disciplinary value of a rightly conducted school, and that the school had important functions besides the mere conveying of information. His modesty and self-poise coupled with clear thinking and deep feeling gave him remarkable power over the young who came under his instruction. No teacher was ever more genuinely loved and respected by his students. Not only from Michigan where the larger part of his life was spent, but likewise from the warm-hearted southern country, comes abundant testimony to this powerful uplifting personal influence for all that is lovely and true.

Soon after his return to the University in 1901 disease laid its heavy hand upon him and he gradually became incapacitated for work in the classroom. This grieved him greatly, but he did not lose his interest in the University nor in the work of his special department. His mind was clear and his faith serene, and his face ever brightened with the old cheer in welcoming the visits of his friends. He wished to live, but he was not afraid to die.

While he was not the originator of the idea of making formal instruction in the Science and the Art of Teaching a part of the University curriculum, he was quick to seize upon the suggestion when made and to urge its adoption. By good fortune he became the first occupant of the first chair of education established in America. The movement was everywhere heralded as a "new departure" and its success eagerly watched. By his tact, and intelligence, and strength of character, he won his way amid some open opposition and much silent distrust, to a complete victory; and when he was called South, he turned over a highly prosperous department to his successor. He lived to see his ideas embodied in the courses of study of nearly every higher institution of learning in this country.

The man is gone; but his work remains, his influence abides; and in taking leave of our theme we may recall the striking appositeness of the noble lines of Wordsworth with which he concluded the Duddon series:

Still glides the Stream and shall not cease to glide;
The Form remains, the Function never dies;
While we, the brave, the mighty, and the wise,
We Men, who in our morn of youth defied
The elements, must vanish;—be it so!
Enough, if something from our hands have power
To live, and act, and serve the future hour;
And if, as toward the silent tomb we go,
Through love, through hope, and faith's transcendent dower,
We feel that we are greater than we know.

The only enduring monument to any man is the one the man builds himself, the impression he makes on the world. We may safely leave the fame of our departed friend to the thousands of hearts he has touched throughout his long and beneficent career.

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News

CAMPUS CALENDAR

PAST EVENTS

ATHLETICS

Saturday, June 1.—Michigan takes second place in the Eastern Intercollegiate meet at Cambridge, winning 29 points; Pennsylvania, 33 points.—Representatives from the universities in the Western College Conference held a meeting at Chicago.

Sunday, June 2.—An immense crowd greeted the Varsity track team at the Michigan Central depot on its return from the East.

Tuesday, June 4.—Fourteen baseball and eight track "M's" were awarded to the members of the baseball team and the men who won places in the Pennsylvania relay races and the Eastern Intercollegiate.

CLASSES, SOCIETIES AND CLUBS

Saturday, June 1.—The Alpha Nu Society elected officers for the ensuing year: President, F. G. Stevenson, '08, Muskegon; vice-president, Howard L. Barkdull, '09, Toledo, O.; secretary, W. D. Lane, '10, Fort Wayne, Ind.; treasurer, M. B. McHugh, '09, Saginaw; critic, George Eves, '08, Millville, Pa.; editor Sibyl, W. W. Merritt, '08, Portland, Ore.; associate editors, T. J. O'Leary, '08, Muskegon, A. R. Patrick, '09, Kansas City, Mo., J. T. Kenny, '09, Duluth, Minn.; marshal, Frank C. Luza, '08*e*, Iquique, Chile; oratorical delegate, Dean Ryman, '09, Howard City.—The Adelphi Society elected the following officers: President, Earl G. Fuller, '09, Ravenna; vice-president, H. L. Kelly, '08, Cleveland, O.; secretary, A. J. Abbott, '09; treasurer, C. J. Agnew, '09, Stillman Valley, Ill.; chairman membership committee, Walter B. Beck, special, Bowling Green, O.; executive committee, C. C. Becher, '09, Brookville, O.—The Jeffersonian Society elected officers as follows: President, J. E. Winner, '08, Perrysville, Pa.; vice-president, H. A. Clark, '08, Marquette; secretary, E. L. Turner, '09, Cumberland, Md.; treasurer, J. F. Bingham, '09, Mishawaka, Ind.; critic, J. C. Hoffman, '08, Fort Wayne, Ind.; marshal, J. W. Woods, '09, Kent, O.

Tuesday, June 4.—The Camera Club opened an exhibition of the pictures entered in the sixth annual contest of Harvard, Pennsylvania and Michigan, at Lyndon's.

GENERAL

Saturday, 1.—Three new members were elected to the Board of Control of the *Michigan Daily*, as follows: Roland O. Bisbee, '08, Bad Axe; Ward S. Bowman, '09, Caledonia; and J. Earle Ogle, Jr., '07, '09*l*, Johnstown, Pa.—President Angell was one of the guests of honor at the banquet of the Associated Harvard Clubs, at Detroit.

Saturday, June 8.—The annual Cap Night celebration took place in "Sleepy Hollow," near the Observatory. An estimated crowd of 5,000 persons witnessed the ceremonies.

Tuesday to Thursday, June 11-13.—The State Board of Registration in Medicine met in the New Medical Building.

Sunday, June 16.—The Baccalaureate Discourse was delivered by President Angell in University Hall.

Monday, June 17.—The Class Day exercises of the Law Department were held at 2 p. m. in University Hall.—The senior girls gave "Pride and Prejudice" in Sarah Caswell Angell Hall at 2:30 p. m.—The annual Senior Promenade was held in the evening.

Tuesday, June 18.—The Class Day exercises of the Literary Department were held on the Campus at 10 a. m.—The Class Day banquet of the seniors in the Homœopathic Department was held at Whitmore Lake.—The Ben Greet Company gave Shakespeare's "Comedy of Errors" in the afternoon, and "Merry Wives of Windsor" in the evening, on the Campus.—The Senior Reception was held in the evening.

Wednesday, 19.—Alumni Day.—Reunions of the classes of '67, '72, '77, '82, '87, '97 and '02 in the Literary Department, '64, '77, '82, '87 in the Medical Department, '77, '87, '97, '02 in the Law Department, and '05 in the Engineering Department, were held.—The

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Class Day exercises of the Engineering Department were held at 10 a. m. in the Engineering Quadrangle.—The Alumni Association and the Association of Collegiate Alumnæ held "open house" in Barbour Gymasium, 10 to 12 a. m.—The general meeting of the Alumni Association was held at 2 p. m. in Room B, in the Law Building.—The Ben Greet Company gave "Much Ado About Nothing" at 3:45 p. m., on the Campus.—The Senate Reception was held in the Gymnasiums in the evening.—Professor William H. Payne died at his home in Ann Arbor. He was the first Professor of Education in the University and organized the department.

Thursday, June 20.—The Sixty-Third Annual Commencement in all departments was held in University Hall at 10 a. m.—The Commencement Dinner was held at 1 p. m. in Waterman Gymnasium.—Dr. and Mrs. Hinsdale gave an informal reception to the Faculty, seniors, and friends of the Homœopathic Department.

Friday, June 21.—Vacation began in all departments.

Monday, June 24.—The Summer Session of the University opened.

ALUMNI

In this department will be found news from organizations, rather than individuals, among the alumni. Letters sent us for publication by individuals will, however, generally appear in this column.

REUNION OF ALUMNI OF THE MEDICAL DEPARTMENT AT ATLANTIC CITY

At the meeting of the American Medical Association in Atlantic City there was an informal but highly successful reunion of graduates of the Department of Medicine and Surgery. The meeting was organized by a number of the graduates of '94, who issued invitations to all the alumni they could find in the short time available. Thirty-one alumni gathered at luncheon at Young's Hotel on Thursday, June 6. The Faculty was represented by Professors Peterson, Darling and Dock, and Dr. Smithies. Dr. Dock was chairman. As the lunch was in the main dining room and at the usual lunch hour, much interest was excited among the other diners by the songs, yells and other evidences of college spirit. It was decided that a formal effort be made to have a reunion of all medical alumni at Chicago next year during the meeting of the American Medical Association. In order to work up the preliminary program a committee was appointed consisting of Will Walter, '91, of Chicago, Vacil Bozovsky, '94, of Dunkirk, N. Y., James Rae Arneill, '94, of Denver, and Willard H. Hutchings, '99, of Detroit. Owing to the central location it is to be hoped that a large number of alumni will attend the next meeting. Notices will be sent out at the proper time through the medium of THE ALUMNUS, the Journal of the American Medical Association and otherwise.

A LETTER FROM LOS ANGELES

July 1, 1907.

My dear ALUMNUS:

You will be glad to know that a University of Michigan Alumni Association was organized last month at Los Angeles. We have in Los Angeles and vicinity about two hundred men and women of the University, fifty of whom sat down at the banquet board on the evening of June 20th. We passed an edifying and a jolly evening.

Judge McKinley was our toastmaster. I have not a program of the evening at hand, or you should have one. Dr. J. F. Millspaugh, President of the Los Angeles State Normal School, responded to the toast, "President Angell," and Dr. R. H. Tripp, of Occidental College, to the toast, "The University of Yesterday." Other toasts were: "The University of Today," "The University 'Forever,'" "The Coeds," etc.

Yours truly,

R. H. TRIPP.

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NEWS FROM THE CLASSES

Alumni are requested to contribute to this department. When newspaper clippings are sent, be sure that date and place are stated. Distinguish between date of paper and date of event recorded. Report all errors at once. Addressed envelopes will be furnished to anyone who will use them in regularly sending news for these columns.

The different departments and classes are distinguished as follows: Where simply the year of graduation or the period of residence is stated, the literary department is indicated; e, stands for engineering department; m, medical; l, law; p, pharmacy; h, homoeopathic; d, dental; (hon.), honorary. Two figures preceded by an apostrophe indicate the year of graduation. Two figures separated from two others by a dash, indicate the period of residence of a non-graduate.

'62

'62. Martin L. D'Ooge, Ann Arbor, Secretary.

Rev. Emory J Holmes, '58-'60, may be addressed at Quitman, Ga.

Henry H. Sloan, '62, A.M. '65, M.D. (Chicago) '69, has retired from the practice of medicine and resides at 1032 Warren Ave., Chicago, Ill.

'66

Henry W. Hibbard, '66, of New York City, who is at present Treasurer of the American Missionary Association with offices at 287 Fourth Ave., New York, was a member of a party under the guidance of the American Missionary Association, which visited a number of the educational institutions in the South. The American Missionary for April, 1907, publishes an account of this trip and a portrait of those in the party. Benjamin F. Blair, '61, is also on the executive committee of the American Missionary Association.

'68

William H. Krome, '68*l*, is president of the Bank of Edwardsville, at Edwardsville, Ill.

Edwin B. Grover, '68*l*, is now living at Allegan, Mich., R. F. D. No. 1.

'71

'71. Byron A. Finney, Ann Arbor, Secretary.

Rev. George F. Breed, '67-'68, Ph.B. (Cornell) '72, may be addressed at 135 E. Mt. Airy Ave., Mt. Airy, Philadelphia, Pa.

Benjamin T. K. Preston, '71, is city editor of the Daily Index, Salinas, Calif.

'74

'74. Levi D. Wines, Ann Arbor, Secretary.
'74m. William C. Stevens, Detroit, Secretary.

Jacob W. Ford, *m*'72-'73, is president of the Huntington County Bank, Huntington, Ind.

Howard E. Henderson, *l*'72-'73, is editor of the *Kokomo Dispatch*, Kokomo, Ind.

Finley B. Pugh, '74*p*, is a dealer in stocks, bonds and insurance at 400 Ind. Trust Bldg., Indianapolis, Ind.

'70

'70. Charles S. Carter, 2713 Cedar St., Milwaukee, Wis., Secretary.

Owen E. LeFevre, '70, who has been spending a year in Berlin and a year in Italy, has returned to Denver, Colo.

George H. Lohman, *m*'69-'70, '70*p*, is state inspector of the Standard Oil Company for Indiana, and may be addressed at Kendallville, Ind.

'76

'76. Alice Williams, Weedsport, N. Y., Secretary.

Frank L. Felch, '76, is a broker with offices in the Arcade Bldg., Cleveland, Ohio.

John E. Nolan, '76*l*, is vice-president of the Cowing Engineering Co., Cleveland, O., with offices in the Citizens Bldg.

'78

Clarence Griggs, '78, ex-county attorney, at Ottawa, Ill., is secretary of the Griggs Drug Company.

Charles Logan, *l*'76-'77, M.D. (Buffalo) '85. is living at Stroudsburg, Pa.

E. Amelia Sherman, '78*m*, of National, Iowa, read a paper on "Immaterial Remedies and their Uses in the Regular Practice of Medicme," before the Clayton County (Iowa) Medical Society, Oct. 24, 1906, which was recently published in the Woman's Medical Journal. The Iowa Medical Journal in an editorial says it is "the best refutation of Eddyism we have seen."

Robert Carey, *l*'76-'77, is located at Upper Sandusky, Ohio, and attended the commencement exercises with his daughter, Annabel Carey, '07.

William Carter, '78*l*, is editor of the Gazette, Cincinnati, O. He resides at Belhouse, Ky.

'80

'80. Charles W. Hitchcock, 270 Woodward Ave., Detroit, Secretary.

Josiah Bond, '76-'77, is manager of the "Jersey Girl" mine, Patagonia, Ariz.

Allen H. Donham, '80*l*, is secretary and treasurer of the Terre Haute Savings Bank, at Terre Haute, Ind.

'83

James M. Wilson, *m*'81-'82, Ph.B. (Cornell), M.D. (Rush), now holds a professorship in Washington University, St. Louis, Mo.

Archibald C. McMillan, *l*'81-'82, is in charge of the collecting department of the

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J. I. Case Threshing Co., Jackson, Mich.

Arnold F. Gwinner, *p*'81-'82, is a member of the Whitaker-Gwinner Co., wholesale druggists, at Dayton, O.

'85

'85. John O. Reed, Ann Arbor, Secretary.

Ada G. Murphy, '81-'82, lives at Missionary Ridge, Chattanooga, Tenn.

Frank R. Lander, '85*l*, resides at 1653 E. 86th St., N. E., Cleveland, Ohio.

John S. Dunn, '85*p*, is engaged in farming at Three Rivers, Mich.

Benn E. Burger, *d*'82-'83, may be addressed at 100 N. 11th St., San Jose, Calif.

'88

Will Fowler, '84-'88, is city engineer at Wabash, Ind.

Armin O. Leuschner, '88, has just been advanced to the full professorship of astronomy in the University of California.

William P. Dewey, '88*l*, has removed his law offices to the fifteenth floor of the Hanover Nat'l Bk. Bldg., corner of Pine and Nassau Sts., New York City.

Oliver M. Cunningham, '88*l*, of South Bend, Ind., has retired from active practice. His present address is Ocean Park, Calif.

Eli T. Messenbaugh, *l*'86-'87, is cashier of the Farmers Exchange Bank, Braymer, Mo.

Francis McNulty, '88*l*, is at present in Sioux City, Iowa, but expects to leave soon for Cape Nome, Alaska.

'90

'90. Katherine Campbell, Ypsilanti, Mich., Secretary.
'90m. Lyle C. Bacon, Lowry Arcade, St. Paul, Minn., Directory Editor.
'90l. George A. Katzenberger, Greenville, Ohio, Secretary.

Leon J. Richardson, '90, now bears the title of associate professor of Latin in the University of California.

Harvey B. Twitmeyer, '86-'87, is a member of the high school faculty at Knoxville, Pa.

Henry J. Kennedy, '90, '93*m*, gave up the practice of medicine about five years ago on account of poor health and has since that time been connected with the Assets Realization Company of Philadelphia and Chicago. His permanent address is 100 Washington St., Chicago.

'91

'91. Earl W. Dow, Ann Arbor, Secretary.
'91l. Harry D. Jewell, Procate Court, Grand Rapids, Directory Editor.

Albert Walworth, '87-'90, is proprietor of a shorthand school at South Bend, Ind.

Theodore W. Todd, '91*l*, has been professor of German at Washburn College, Topeka, Kans., since 1901.

Robert L. E. Rodgers, *m*'87-'89, is living at Millsboro, Pa.

'92

'92. Frederick L. Dunlap, Bur. of Chem., Dept. of Agriculture, Washington, D. C., Secretary.
'92l. F. L. Grant, Equitable Bldg., Denver, Colo., Directory Editor.
'92m. Theophil Klingman, Ann Arbor, Secretary.

Henry B. Kragin, '91-'92, received the degree of M.D. from Rush Medical College in 1901 and is now practicing at 5114 Jefferson Ave., Chicago, Ill.

James W. Glover, '92, who has for the past year been retained by the State of Wisconsin as consulting actuary, has had the pleasure of seeing all the measures he proposed adopted by the assembly in spite of active and persistent opposition on the part of the big insurance companies. The following excerpt from the *Milwaukee Sentinel* for June 25, gives further details:

"After spirited debate lasting over three hours the assembly tonight passed seven of the big insurance bills which the principal insurance companies of the country have been opposing for four months. Every bill advocated by Speaker Ekern and Actuary J. W. Glover before the committee on insurance and reported by that committee was passed and in one instance the assembly, on the advice of Speaker Ekern, overrode the commendation of the committee on insurance and adopted a substitute for the measure it reported for passage.

"Speaker Ekern left the presiding officer's chair to go down on the floor of the house and lead the fight for the restrictive measures. He was assisted by George E. Scott, chairman of the committee on insurance. Fred M. Jackson and Michael Cleary, members of the committee on insurance, presented numerous amendments to the seven bills passed, but almost all of them were rejected."

Helen F. Lonsbury, '88-'89, is the wife of Rev. U. S. G. Pierce, pastor of the First Unitarian church, Washington, D. C.

Charles C. Spencer, '92, owing to the death of his partner, John J. McClellan, has removed his offices to Suite 1520-24 Unity Bldg., Chicago, Ill., and will carry on the business of the firm independently.

John B. Miller, '88-'90, is president of the Edison Electrical Co., Los Angeles, Calif. Address, Edison Bldg.

Mattie E. Campbell, '92, Mrs. William A. Campbell, of Muskegon, contributes an interesting article on "tag day" as a Home benefit, in the May number of "Modern Women," successor of the Brown Book.

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Willard K. Clement, '92, of Evanston, Ill., is connected with the central advertising department of Butler Bros., Chicago.

Anna M. Flynn, '92*m*, has been assistant in ophthalmology in the University of California for the past five years and may be addressed at 1214 Polk St., San Francisco, Calif.

William S. Steele, '92*l*, is school principal at Harrisburg, Pa.

Grant Steele, '92*l*, is editor and publisher of "The Clarion," Breckenridge, Mich.

Walter B. Cady, '92*p*, has changed his address from Stroh, Ind., to Cement City, Mich.

'93

'93. Herbert J. Goulding, Ann Arbor, Secretary.
'93l. Francis G. Jones, Muskegon, Mich., Secretary.

Frank W. Howe, '93, is studying at the Michigan Agricultural College this year.

Earl W. Hahn, '89-'93, may be addressed at 11 Regis Blvd., Cincinnati, O.

Rev. Harrison P. Crego, '93, may be addressed at Cape May City, N. J.

Christine F. Bronson, '93, who was for several years assistant principal in the high school at Lansing, is at present teacher of Latin and history in the high school at Morgan Park, Ill. She received the degree of Ph.M. from the University of Chicago in June. Address, 2405 Fairfax Ave., Morgan Park, Ill.

Charles A. Bowen, A.M. '93 (Ph.D. Boston Univ. Sch. of Theo. '05) has recently been married to Mrs. Mabel Hayner of Delaware, Ohio. They may be addressed at Dr. Bowen's new pastorate, Wellston, O. Mrs. Hayner is particularly well known in Missionary circles, she and Mr. Hayner having served several years in work in China and experienced together the horrors of the Boxer Movement. Since Mr. Hayner's death in China she has for several years been active in missionary work at home, lecturing in behalf of the work in China.

Minnie Frost, '93, is teaching in Chicago and may be addressed at 1541 Addison St.

Neil H. Williams, '93*e*, M.S '95, is teaching in Terre Haute, Ind.

Grant G. Gardner, *p*'90-'92, is public inspector of plumbing, Cleveland, Ohio.

'94

'94. Lauren D. Carr, Ann Arbor, Secretary.
'94m. James F. Breakey, Ann Arbor, Secretary.
'94l. John T. Wagner, Norristown, Pa., Secretary.

Mrs. Aristene N. Felts, '92-'94, A.B. (Indiana) '95, is engaged in settlement work in Portland, Ore. Address, 261 13th St.

Herbert G. Manly, '90-'92, is abstractor of land titles for Jackson county. Address, Jackson, Mich.

Frederick M. White, '94, who went to Newton Theological Seminary after graduation, received the degree of Master of Arts from Boston University on June 6. He is Baptist pastor at Winthrop, Mass., a suburb of Boston and a popular sea-side resort.

"Some Homemade Obstacles to Oriental Trade" is the title of a booklet published by Hamilton M. Wright, '94-'95. This booklet is published by the Merchant's Association of San Francisco as containing a few suggestions to American manufacturers and exporters who desire to build up a business with the far East. It has especial application to San Francisco's chance in the Philippines.

Daniel Crowe, *l*'91-'92, is a dealer in general merchandise at Vivian, La.

John H. Hassinger, '94*l*, has changed his address from Lamona, Pa., to Azen, Washington Co., Va.

George E. Leonard, '94*l*, has removed from Chicago, Ill., to Jacksonville, Fla.

William E. Wheeler, '90-'91, '94*l*, is practicing law at East St. Louis, Ill. He is, however, living at Edwardsville, Ill.

Alfred L. Kilmer, *d*'91-'92, has an office in the Bank Block, Bay City, Mich.

Mrs. Maude McRay Hall, wife of Alfred W. Hall, '94*d*, died March 20, 1907, after a very short illness of pneumonia and heart trouble. Dr. Hall had left Chicago the preceding October on account of her ill health, but to no avail. He has since returned to Chicago and has located in the Marshall Field Bldg. He has a little daughter nine years of age.

Delia O'Connor, '94*p*, '01*d* (Mrs. Clifton J. Griffith), may be addressed at Buffalo, Ill.

'95

'95. Gertrude Sunderland Safford, Secretary. Address, 32 W. Warren Ave., Detroit, Mich.
'95l. William C. Michaels, N. Y. Life Bldg., Kansas City, Mo., Secretary.

Ralph E. Russell, '92-'95, is superintendent of the Faithorn Company, engravers, printers, and stationers, at 66 Sherman St., Chicago.

Matthew Lamont, '92-'95, may be addressed at Vallejo, Calif.

Clark C. Hyatt, '91-'92, *l*'94-'95, is New England representative of A. L. Wisner & Co., a New York house of Bankers and Brokers. His address is 1134 Old South Bldg., Boston, Mass.

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Edward W. Hart, '94-'95, may be addressed at Tonopah, Nev.

Charles H. Covell, '95, who was at one time teaching in the Philippines, may now be addressed at Chino, San Bernardino Co., Calif.

Albert E. Davis, '95*l*, is engaged in manufacturing and publishing in Chicago. Address, 906 Tribune Bldg.

'96

'96l. Ray C. MacDonald, Secretary. Hartford Bldg., Chicago, Ill.
96l. Dwight B. Cheever, Monadnock Block, Ray C. MacDonald, N. Y. Life Bldg., Henry E. Nothomb, 153 LaSalle St., Chicago, Directory Committee.

Mary E. Trueblood, '96, is instructor in mathematics at Mt. Holyoke College, South Hadley, Mass.

William C. Cadwallader, '96, may be addressed at Gull Lake, Mich.

Albert L. Hayes, '95-'96, is sales manager of the Hayes Pump and Planter Co., Galva, Ill.

Douglas Burnett, '95-'96, may be addressed at Houston, Tex.

Mabel G. Frost, '95-'96 (Mrs. Edward A. Wright), may be addressed at 136 Beech St., Pittsburg, Pa. She has two sons.

Sergius P. Grace, '96*e*, E.E. '04, recently read a paper on "the Telephone Wire Plant" at the first meeting of the American Institute of Electrical Engineers held in their new building at 33 W. 39th St., New York.

Edward K. Hampton, '95-'96, is living at Mt. Pulaski, Ill.

Carl M. Dowler, *e*'95-'96, is connected with the western office of Uptegrove and Beckwith, New York City. Address, 22 Pearl St., Grand Rapids, Mich.

Otto J. Kralovec, *e*'95-'96, received the degree of LL.B. from Northwestern University in 1900 and is now practicing law at 711 Blue Island Ave., Chicago, Ill.

John S. Lofland, *l*'95-'96, may be addressed at Romney, Ind. R. F. D. 32.

Edward K. Preston, *e*'92-'94, is a salesman in the San Francisco office of the Standard Underground Cable Co., Pittsburg, Pa. He resides at 156 Santa Clara Ave., Oakland, Calif.

Clayton S. Goodwin, '96*l*, is manager of a publishing house in Chicago. Address, 519 Post Telegraph Bldg.

Harry L. Jacobs, *l*'94-'95, is in charge of a business college at Providence, R. I. Owing to ill health he contemplates a return to his old home, Dayton, O.

Myron R. Sturtevant, '96*l*, who has been national bank examiner of Oklahoma, Ind. Territory, for the past five years, has recently become cashier of the Central National Bank of Missouri at St. Louis.

'97

'97. Jennie P. White, Lansing, Mich., Secretary.
'97l. William L. Hart, Alliance, Ohio, Directory Editor.

Mary H. S. Hudson, '95-'97, may be addressed at 16 Library Place, Allegheny City, Pa.

William O. Hullinger, '96-'97, is editor of a paper at Mt. Pleasant, Mich.

Philip W. Corbusier, '96-'97, acted as Judge Advocate at a general court-martial held at Monterey, Calif. last March. Mr. Corbusier is a lieutenant of the fourteenth cavalry.

Francis X. Carmody, '93-'97, A.B. (Notre Dame) '99, is now instructor in elocution in Union Theological Seminary, New York City. Address, 68 Williams St.

John R. Sheean, '97, LL.B. (Georgetown, D. C.) '99, is legal counsel for the Union Pacific at Lexington, Neb.

Benj. F. McLouth, '93-'95, *e*'94-'95, may be addressed at the City Auditor's office, Los Angeles, Calif.

Everett D. Brodhead, '93-'94, *e*'95-'96, who was chief electrician for Swift & Co. at Ft. Worth, Texas, is still engaged in the construction department of the firm, with headquarters in Chicago. Address, care of Swift and Co., Chicago.

'98

'98m. George M. Livingston, Manistique, Mich., Directory Editor.

Abbie F. Hill, '96-'98, may be addressed at 1824 16th St. N. W., Washington, D. C.

Sarah L. Hill, '97-'98 (Mrs. Myron Parmley), may be addressed at Sioux City, Iowa.

John A. Jarvis, '94-'95, has returned from the west and is now located at Dowagiac, Mich.

Frank S. Simons, '98, '00*l*, has changed his house address in Detroit from 46 Joy St., to 878 Second Ave. His business address is at 725 Hammond Bldg.

Emily Keith, '98, may be addressed at Eppstein, Cebu, P. I.

Karl K. Stevens, '98, has removed from Bristol, Va., to Toledo, Ohio.

Mrs. Erie Layton Gates, '98, may be addressed at 508 Stanton St., Bay City, Mich.

Dic H. Trowbridge, '98, is now assistant professor of chemistry at Lewis Institute, Chicago.

Earl H. Morris, '98, received the degree of M.D. from the University of Cincinnati in 1903 and is now practicing in the Churchill Bldg., Dayton, Ohio.

Matthew J. Walsh, '98, who has been principal of the high school at Hancock, Mich., for the past four years will become superintendent of schools at Bessemer, Mich., next fall.

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Irving A. Maltby, '98, is in the employ of the Sherwin Williams Co., Cleveland, Ohio.

Charles O. Cook, '98*e*, may be addressed at 1848 Commercial Nat'l. Bk. Bldg., Chicago, Ill.

Frederick A. Baldwin, '98*m*, '02, Sc.D. '04, has removed from St. Louis, Mo., to 414 Linz Bldg., Dallas, Tex.

Wilbur E. Hurlbert, '98*l*, resides at Omro, Wis.

Francis E. Stevens, '98*l*, may be addressed at 1917 Park Row Bldg., New York City.

Wallace D. Scott, '98*l*, may be addressed at 41 Wall St., N. Y. City.

Fred J. Leland, '98*d*, is practicing at St. Johns, Mich.

'99

'99m. Frederick T. Wright, Douglas, Ariz., Directory Editor.
The next reunion of '99m. will be held on the Campus in Ann Arbor, Alumni Day, June, 1909.

Alvah A. Marshall, '95-'97, is a photo-engraver in Chicago, Ill. Address, 1767 N. Halsted St., Chicago, Ill.

Carl M. Green, '95-'99, reports the occupation of "advertising," with address at 337 Marquette Bldg., Chicago, Ill.

Born, to John J. Brewer, '95-'98, and wife, a son, May 8, 1907. Mr. Brewer is assistant cashier of the Romeo Savings Bank, Romeo, Mich. His wife will be remembered as Flora L. Goeshchel, '00.

Edwin W Conable, '99*e*, may be addressed at Winnetka, Ill.

Omar F. Neff, *l*'95-'96, is an active business man at Milford, Ind.

Frederick R. Kriwitz, *d*'96-'97, of Kendallville, Ind., is now at Oroville, Calif., where he is engaged in gold dredging.

Charles L. Sargent, *p*'97-'98, Ph.D. (U. of Pa.), is superintendent of the color department of the Murphy Varnish Co., Newark, N. J.

'00

'00. Elizabeth Kittredge, Ann Arbor, Secretary for Women; John W. Bradshaw, Ann Arbor, Secretary for Men.
'00l. Curtis L. Converse, 321 W. Eighth Ave., Columbus, Ohio, Secretary.

Marian C. Kanouse, '00, of Sault Ste. Marie, Mich., a member of the Comedy Club during her college years, coached the high school students in a performance of "She Stoops to Conquer," which they gave in the opera house at Sault Ste Marie. Her work won much praise from the local press.

Elizabeth Sherman, '00, and her mother will visit relatives in England this summer.

Gordon L. Gray, '96-'98, received the degree of bachelor of arts from Harvard in 1901 and bachelor of laws from the same institution in 1903. He is now an attorney at law at 335 Rush St., Chicago, Ill.

Olive C. Lathrop, '96-'98, formerly in the Congressional Library at Washington, is now in the State Library at Lansing, Mich.

Frederick S. Colburn, '00, is treasurer of the Carbonic Dioxide Corporation of Chicago and resides at 1602 Ashland Ave., Evanston, Ill.

Frederick D. Schoaff, '00, is practicing law a Fort Wayne, Ind., and may be addressed at 310 Elektron Bldg.

David G. Fisher, '00*e*, is superintendent of the LaClede Gas Light Company, at St. Louis, Mo.

Thomas E. Lynch, *e*'96-'00, is in charge of the drafting department of the steel works at Canonsburg, Pa.

William J. Lakey, '00*m*, has changed his address from Giltedge, to Kendall, Mont.

Minta P. Kemp, '00*m*, has a position in the scientific department of Frederick Stearns & Co., Detroit, Mich. Address, 39 W. Alexandrine Ave.

Will J. McCready, '00*l*, is located at Perry, Iowa, where he is engaged in the lumber business. He is also a member of the firm of Copeland Lumber Co., at Cresco, Iowa.

Charles F. Crothers, '00*l*, of San Jose, Calif., has recently become a member of the board of trustees of the San Jose State Normal School.

'01

'01. Ellen B. Bach, 424 S. Main St., Ann Arbor, Secretary.
'01. Harold P. Breitenbach, 639 S. 12th St., Ann Arbor, Secretary.
'01m. William H. Morley, Ann Arbor, Secretary.

Herman C. Stevens, '01, may be addressed at Seattle, Wash., care Washington University.

Ineson J. Kohler, '01, has removed from Youngstown, Ohio, to 211 N. Belmont St., Seattle, Wash.

Karl Young, '01, A.M. (Harvard) '02, has been awarded a fellowship at Harvard for the coming year.

Richmond H. Kirtland, '01, has been superintendent of schools at Menominee, Mich., for the past three years.

George D. Hudnutt, '98-'00, '01*e*, recently left the employ of the Ransome & Smith Co., Managing Concrete Engineers, New York City, to take the position of engineer for The Ransome Concrete Company of California, who are specialists in re-inforced concrete construction. His new address is corner of Eighth and Harrison Streets, San Francisco, Calif. Mrs. Hudnutt, who was Madge Lewis Duerson, of Roanoke, Virginia, and Geo. D. Jr., are

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at present visiting in Virginia but expect to join Mr. Hudnutt shortly in California where they will make their permanent home.

Gardner C. Johnson, '01*m*, has sold out at Liverpool, Ohio, and moved to Evansville, Ind., where he succeeds to the practice of Dr. Clarence Kelsay.

Harry J. Winsten, '01*l*, may be addressed care of The Lessing, cor. Surf and Evanston Aves., Chicago. Ill.

'02

'02. Arthur M. Barrett, 3030 Calumet Ave., Chicago, Directory Editor.

Professor Joseph H. Drake, '02l, Ann Arbor, Secretary.

Clara A. Chase, '02, is teaching English in the high school at Mt. Pleasant, Mich.

Charles A. Hughes, '98-'01, *l*'00-'01, is a reporter on the Record-Herald, Chicago.

Louise M. Lenhart, '02, A.M. '03, of Bridgman, Mich., is teaching German and English at College City, Calif.

Adelia M. Randall, '98-'99, A.B. (Wellesley) '95, is a pianist and pianoforte teacher at Alton, Ill. Address, 930 Henry St.

Frank S. Honberger, '02, M.S. '03, is assistant superintendent of the Peoria Gas and Electric Co., Peoria, Ill.

Margaret A. Schaffner, '98-'99, has received her Ph.D. degree from the University of Wisconsin and has for two years past been legislative expert in the legislative reference department, Madison, Wis.

Philip L. Schenk, '02, A.M., completed his course at Union Theological Seminary, New York City, in June, and will return in the fall as instructor in Greek.

Beatrice O. Belford, '02, is teaching Latin and history at Howard City, Mich.

Ralph H. Elsworth ,'02, A.M. '04, Traverse City, Mich., contributes an article on the country newspaper's advertising contracts, to Moore's Monthly Messenger for June, 1907.

Mary V. Rice, '02, of Peoria, Ill., has been teaching the past year the high school at Rock Island, Ill.

Prentiss B. Cleaves, '02*m*, became a benedict last summer at Tipton, Iowa. For several years he has been located at Cherokee, Iowa. He recently visited his mother in Chicago, during her illness.

Aileen Betteys, '02*m* (Dr. Aileen Betteys Corbit), has been recently elected city physician at Wyoming, Iowa. She was in attendance at the Iowa State Medical Society which met at Cedar Rapids, May 15-17, 1907.

Harry H. Herzberg, *l*'99-'02, is an advertisement writer at Pontiac, Ill.

George F. Pirrung, *l*'99-'00, *a*'00-'01, is now a manufacturer in Chicago. Address, 1467 Perry St.

Howard E. Shepard, *l*'99-'02, is in the employ of the American Radiator Company, Chicago, Ill., and may be addressed at 1388 Sheridan Road.

Gustav Stein, '02*l*, is living at Montclair, Colo.

Lewis C. Lawson, '02*l*, LL.M. '03, is practicing law at Wewoka, I. T., and is at present stumping the state for the Republicans.

'03

'03. Nellie M. Hamilton, 427 S. Fifth Ave., Ann Arbor, Mich., Secretary; Mark Foote, '03, Thomas Church Bldg., Chicago, and Willis F. Bickel, '03e, Mason City, Iowa, Assistants.

'03m. A. Wilson Atwood, Mt. Hermon, Mass., Secretary.

'03l. Mason B. Lawton, U. S. Lake Survey, Campau Bldg., Detroit, Mich., Secretary.

'03e. Willis F. Bickel, Pittsburg, Kans., Assistant Secretary.

The first reunion of the law class of 1903 will be held on the Campus in Ann Arbor, Alumni Day, 1908.

Harvey L. Curtis, '00, A.M. '03, is an instructor in physics at the Michigan Agrisultural College. Address, Agricultural College, Mich.

Charles E. Elliott, '99-'02, is a dealer in investment securities with office in the American National Bank Bldg., Indianapolis, Ind.

Emma L. Lenhart, '99-'00, taught for five years in the schools of Belt, Mont. She was married to Chas. G. Bentson of that place in 1905.

Effie Godfrey, '03, has accepted the position of instructor in mathematics in the high school at Pontiac, Mich., and entered upon her new duties April 29th. She expects to return there next year.

Katherine M. Killeen, '03, is teaching history and English in the State School of Mines, Rapid City, S. Dak.

Nellie M. Hamilton, '03, sailed from New York July 2nd, to spend a year abroad. After traveling through Italy, Switzerland, Germany, Holland, Belgium, and France, she will return to Germany to study during the winter. During her absence Chrissie H. Haller, '03, 515 So. Fifth Ave., Ann Arbor, will take charge of the correspondence with the 1903 girls, and Florence W. Greene, 415 E. William St., Ann Arbor, will assist her. The secretary wishes the class to give these new secretaries all the assistance and encouragement within their power by responding promptly to all their inquiries. This is especially necessary during the coming year if '03 is to have a successful reunion in June, 1908.

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Carolyn Chubb (Mrs. Clarence D. Baker), '03, announces the birth of a daughter, Mary Dwight Baker, May 5, 1907, at Coldwater, Mich.

F. MacDonald Lowe, '99-'00, *l*'00-'02, LL.B. (Kent Coll. of Law, '03, announces that he has opened an office for the general practice of law in Suite 612, Chamber of Commerce, Chicago.

Edith I. Clarke, '03 (Mrs. J. Harold Montgomery), announces the birth of a son, Harold Clarke Montgomery, April 6, 1907, at their home, 1465 John R. St., Detroit, Mich.

Although there was no formal reunion of the 1903 girls this year, yet at least twenty-four members of the class were present at the festivities of Commencement week. Those present were Bernice Bort of St. Joseph, Mich.; Edith Clarke-Montgomery of Detroit; Belle Corson, teacher of German and English in Taylor University, Upland, Ind., who will study in the U. of M. summer school this summer; Anna E. Drummond, instructor in Lewis Institute, Chicago, Ill.; Katherine R. George, Hastings, Mich.; Effie Godfrey, Pontiac, Mich.; Frances N. Heath, who has been teaching since graduation in Swarthmore, Pa.; Genevieve Imus, St. Paul, Minn.; Olive MacNaughton Lucas, whose husband received the degree of B.S. this June; Grace Smith, Ferndale, Calif.; Jessie M. Vivian, who has been teaching since graduation in Traverse City, Mich., but who may be addressed next year at her home in Monroe, Mich.; Cora E. Wells, who is doing magazine work in New York and graduate work in Columbia University; Charlotte A. Belger, Elizabeth S. Brown, Fredericka B. Gillette, Florence W. Greene, Chrissie H. Haller, Nellie M. Hamilton, Elizabeth Rowland-Morrill, Esther A. Smith, Bertha S. Stuart, and May F. Walsh, of Ann Arbor; Miriam D. Goldman, Detroit, Mich., and Estelle Downing, instructor in English in the Michigan State Normal College, Ypsilanti, Mich.

Walter G. Bain, '03, M.D. (N. W. Univ.) '05, is sanitary expert in charge of the bacteriological work for the State Board of Health at the University of Illinois. His address is Colonial Hotel, Chicago.

Charles F. Smurthwaite, '03, of Traverse City, is general manager of the Grand Traverse and Anson County Mining Co., at Cave Creek, Ariz.

Mary E. Stellwagen, '03, who taught last year in Nampa, Idaho, has been at home most of this year in Wayne, Mich., but for the past few months she has been teaching Latin and English in the high school at Lakota, North Dakota.

William R. Morley, '03*e*, of Datil, N. Mex., is temporarily located at Ocampo, Chihuahua, Mex.

Ralph D. Matteson, '03*l*, is practicing law in Suite 512-14, 205 LaSalle St., Chicago.

Tod J. Leavitt, *e*'96-'97, '02-'03, may be addressed at La Peregrina, Guanajuato, Gto, Mex.

Joseph G. Standart, '98-'00, '03*l*, is a member of the law firm of Moore, Standart & Drake, with offices at 607-610 Wayne County Savings Bank Bldg., Detroit.

Lewis E. Warren, '03*p*, now acts as food and drug inspection chemist in the employ of the United States. Address, care of Bureau of Chemistry, Department of Agriculture, Washington, D. C.

'04

'04. Samuel E. Thomason, 539 W. 60th St., Chicago, Secretary for Men; Kate W. McGraw, Ann Arbor, Secretary for Women.
'04e. Alfred C. Finney, 45 Front St., Schenectady, N. Y., Secretary.
'04m. Guy M. Dunning, Lansing, Mich., Secretary.
'04l. Charles D. Symonds, Powers, Mich.
'04. Kate W. McGraw, Secretary for women, Annie Wright Seminary, Tacoma, Wash.

Amy E. Savage, '04, is teaching in Eastern High School, Detroit.

Albert A. English, '00-'02, Ph.B (Chicago) '04, has taken up a business career in Chicago and may be addressed at 514 E. North Ave., Chicago.

Eleanor G. Mabley, '04, who has been teaching English and French in the high school at Muskegon, Mich., the past year, sailed for Italy on the Calabria, June 12th. She will spend most of the summer in Paris.

Willis L. Gelston, '04, has recently been appointed denominational secretary for the Presbyterian Christian Endeavor, with headquarters in Philadelphia.

Roy B. Buttolph, '00-'03, A.B. (Cornell) '04, is a wholesale grocery dealer in Chicago. Address, 4822 Ellis Ave.

Olive M. Gwynne, '04, has changed her address from Lewiston, Idaho, to 732 E. Galena St., Butte, Mont.

Nellie Van Volkenburg, '04, of Detroit, presented in the First Congregational Church of Muskegon, April 5, as a monologue the entire play "Sunday," made famous by Ethel Barrymore. She had previously given the entertainment in Detroit and has won much praise for her surprising versatility, impersonation and dramatic ability. When in college Miss Van Volkenburg was a member of the Comedy Club.

Susan Gray, '00-'03, has been teaching the 7th grade in the Hackley School at Muskegon, Mich., and has been elected to the same position for next year.

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Alfred C. Finney, '04e, is now engineer of the Switchboard Department for the General Electric Co., at Schenectady, N. Y.

Cortes Johnson, '04e, is with the C. & N. W. Ry. at Lagrange, Mo.

Henry E. McDonnell, '04e, is Oil Inspector for the Illinois Steel Co., South Works, with address at 5110 Jefferson Ave., Chicago.

James E. McAffee, '04e, is superintendent of construction for Hedden Construction Co., 1 Madison Ave., N. Y. City.

Henry J. Clemens, '04e, is now with F. F. Van Tuyl, Engineer, Detroit.

John K. Cochran, '04e, may be addressed in care of C. & N. W. Ry., Mankato, Minn.

Stuart B. Kingsbury, '04e, is now with the Manitowoc Drydock Co., Manitowoc, Wis. Address, 615 N. 5th St.

Charles A. Fuller, '04e, has changed his address in Philadelphia, Pa., to 3802 Locust St.

Edward L. Hogan, '04e, is in the employ of the Oliver Machine Co., Grand Rapids. Address, 107 Lagrave St.

Harry A. Harris, '04e, has left the Stromberg-Carlson Co., Rochester, and is now Central Office Inspector, Western Electric Co., New York City. Address, 261 W. 11th St.

Max P. Heavenrich, '04e, is now assistant engineer with Heavenrich Bros., Concrete Steel & Pile Construction Co. Address, 603 S. Jefferson St.

Mark H. Gregg, '04e, is now in the Power Contract Dept., Edison Electric Co., Los Angeles, Calif. Address, 3001 E. 4th St.

Jesse C. Wright, '04e, is assistant city engineer, Los Angeles, Calif. Address, 223 West Ave, 59.

Harris P. Ralston, '04e, is now superintendent of construction for the Stone & Webster Engineering Corporation, of Boston. Address, 84 State St.

William Seymour, '04e, is assistant supt. of the Grand Rapids Gas Light Co. Address, 275 Sheldon St.

Morris H. Stimson, '04e, is with the Allington & Curtis Mfg. Co., Saginaw.

Juan F. R. Tecson. '04e, is a surveyor in the service of the bureau of public lands, Manila, P. I.

George G. Thompson, '04e, has changed his address in Detroit to 208 Englewood Ave.

John M. Van Splunter, '04e, is construction engineer with the Stanley G. I. Electric Mfg. Co., care the North Shore El. Co., Blue Island, Ill.

Otto C. Walther, '04e, is in the engineering dept. of the Chicago Telephone Co. Address, 1317 Dunning St., Chicago.

Edward A. Weiland, '04e, is now an independent consulting & contracting engineer, in concrete steel construction, 30-31 Sharp Block, Elyria, O.

John A. Whiting, '04e, is Chief Engineer for Diamond Cattle Co. Address, 214 E. 23rd St., Cheyenne, Wyo.

Carlos A. Williston, '04e, is in the office of the city engineer, Grand Rapids . Address, 17 Waverly Place.

Vernon C. Wood, '04e, is with the Canadian Shipbuilding Co. Address, 252 Forest Ave. W., Detroit.

William B. May, '04e, is resident engineer at Duluth, Minn., for the Great Northern Power Co.

William C. Mundt, '04e, is engineer for the Texas Pipe Line Co., Tulsa, I. T.

John H. Mustard, '04e, is corresponding engineer, Westinghouse Electric & Mfg. Co. Address, 756 Hill Ave., Wilkinsburg, Pa.

Leon A. Paddock, '04e, is now assistant to the general supt. of the Canadian Bridge Co., Walkerville, Can. Address, 383 Hurlbut Ave., Detroit.

William E. Post, '04e, is with the Pittsburg Bridge & Iron Works. Address, 4217 Fifth Ave., Pittsburg, Pa.

Jesse T. Pratt, '04e, is completing the construction of a new automobile plant for Geo. N. Pierce Co., Buffalo, N. Y. Address, 433 Auburn Ave.

Bert W. Bachtel, '04e, is with the Solvay Process Co., Detroit. Address, 16 Charlotte St.

John R. Bartlett, '04e, is now mining engineer, Red Metal Co., Butte, Montana. Address, Concord Blk.

Carroll Biggs, '04e, for the past year has been engineer for the Cuyamel Co., Honduras, C. A.

Eugene S. Brewer, '04e, who was last year city engineer at Owosso, Mich., is now chief engineer for the Saginaw, Owosso & Lansing Electric Ry. Co. Address, 588 W. Oliver St., Owosso.

John L. Reagan, l'01-'02, LL.B. (Univ. of Indianapolis) '01, is a department manager with the Farmers Trust Company, 10 E. Market St., Indianapolis, Ind.

Leon R. Lyle, l'01-'02, is cashier of the City Bank of Dowagiac, Mich.

James M. Cobb, '04l, is connected with the International Correspondence Schools of Scranton, Pa., with headuarters at Canton, Ohio.

'05

'05. G. William Barnum, Class Secretary, 43 Shakespeare Ave., Chicago.

'05e. Ralph R. Tinkham, Secretary, 579 Cass Ave., Detroit, Mich.

'05m. Lewis H. Hector, 706 Firts St., Allegheny, Pa., Secretary.

'05l. Frank C. Cole, 16 Gilmore St., Detroit, Mich., Secretary.

Thomas M. Spalding, '05, has changed

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his address from Fort Myer, Va., to Fort Hancock, Sandy Hook, N. J.

Burt A. Crowe, '02-'03, is an attorney at law in Chicago. Address, 832 Marquette Bldg.

Harrison E. Howe, '01-'02, B.S. (Earlham), '01. is branch manager for the Bausch and Lomb Optical Co., Chicago, Ill. Address, 103 State St.

Clarence W. Lawr, *f*'99-'00, '05, is chief chemist and assayer for the Panhandle Smelting Company, Ponderay, Idaho.

Joseph A. Parks, '05*e*, is assistant superintendent of the Superior Docks of the Northwestern Fuel Co. Address, 1311 John Ave., Superior, Wis.

Lyle A. Whitsit, '05*e*, for the past year has been a designer with Ralph Modjeska, Consulting Engineer, Chicago. Address, 230 E. 54th Pl., Chicago.

William Kletzer, '05*e*, has changed his address from Spokane, to North Yakima, Wash.

Oliver S. Anderson, *f*'02-'03, completed his law course at the University of Minnesota and is now practicing at 509 First Nat'l. Bank Bldg., Duluth, Minn.

Frank J. Powers, '05*l*, who has been practicing with Sybrant Wesselius in Grand Rapids, and Edward L. Eardley, '05*l*, who has been with McKnight and McAllister of the same city, have formed a partnership and are doing business under the firm name of Powers & Eardley at 247-248 Houseman Bldg., Grand Rapids, Mich.

Herbert L. Clancy, '05*l*, is employed in the promotion department of the Cowham System of Portand Cement Mills and may be addressed either at 306 1st St., Jackson, Mich., or 515 Andrus Bldg., Minneapolis, Minn.

Charles B. Kress, *p*'02-'03, is teacher of science in the high school at Mt. Pleasant, Mich.

'06

'06*e*. Edward J. Creighton, Canadian Bridge Co. Walkerville, Ontario, Secretary.

Clyde E. Pickett, '04-'06, A.B. (Hiram) holds a pastorate at Shepard, Mich.

Arthur T. Hunt, '06*e*, has changed his address from Chicago, to Box 287, Springfield, Mo.

George W. More, '06*m*, has begun practice as a physician and surgeon at 220 N. Dexter St., Ionia, Mich.

Alfred H. Beach, '06*l*, has removed from Lakin, Kans., to Cheyenne, Wyo.

Thomas H. Read, '06*l*, is assistant cashier of the First National Bank of Shenandoah, Iowa.

Arthur J. Stevens, '06*l*, is assistant prosecuting attorney at Paw Paw, Mich.

Ralph O. Kaufman, '06*l*, is secretary of the Union Bank & Trust Co., Helena, Mont.

Nathan E. Jacobs, '06*l*, is an attorney at law at Muskogee, Ind. Ter. Address, 305 Iowa Bldg.

James T. Bowles, '06*p*, has accepted a position as sanitary chemist in the hygiene laboratory of the University of Wisconsin. Address, Madison, Wis.

John A. Reese, '06*h*, has located at 107 N. 4th St., La Crosse, Wis.

MARRIAGES

Announcements of marriages should be mailed to the Secretary of the Alumni Association. When newspaper clippings are sent, be sure that the date and place are stated. Distinguish between date of paper and date of event recorded.

1887. Charles Sumner Pierce, '87*l*, to Charlotte Elizabeth Kennedy, '98, at Grand Marais, Mich., June 26, 1907. Address, Lansing, Mich.

1891. Gustav Adolphus Kleene, '91, to Alice Lena Cole, at Hope, Maine, June 18, 1907. Address, Hartford, Conn.

1895. James Marcus Swift, '95, to Mrs. Olive Underwood Sterling, at New York City, Feb. 26, 1907. Address, 296 French St., Fall River, Mass.

1898. Wesley Alonzo Chamberlain, '98*d*, to Emelie Lawrence Wilson, at New York City, June 5, 1907. Address, Fond du Lac, Wis.

1898. Charlotte Elizabeth Kennedy, '98, to Charles Sumner Pierce, '87*l*, at Grand Marais, Mich., June 26, 1907. Address, Lansing, Mich.

1899. Eliza Jane Austin, '99, to Emil Fredrich Lange, at Detroit, Mich., June 25, 1907. Address, 1020 Mass. Ave. East, Washington, D. C.

1900. Ira Alexander Campbell, '00, '02*l*, to Zella Zerefa Fay, 1900-04, at Los Angeles, Calif., June 19, 1907. Address, Seattle, Wash.

1901. Harold Prell Breitenbach, '01, A.M. '03, to Charlotte G. Hansten, at Detroit, June 27, 1907. Address, after Nov. 1, Ann Arbor.

1902. Mabel Estelle McGraw, '02, to Wilbur Newton Fuller, '04, at Dallas, Texas, June 20, 1907. Address, 768a Aubert Ave., St. Louis, Mo.

1903. Hugh Dickson Merrifield, '03*l*, to Mabel Eugenia Ross, '03, Battle Creek, Mich., June 22, 1907. Address, 909 Park Ave., Indianapolis, Ind.

1904. Zella Zerefa Fay, 1900-'04, to Ira Alexander Campbell, '00, '02*l*, at Los

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Angeles, Calif., June 19, 1907. Address, Seattle, Wash.

1904. Guy Victor Rukke, '04*m*, to Helen Shaffer (University School for Nurses), at Huntington, Ind., July 4, 1907. Address, care U. S. Army, Philippines.

1904. Wilbur Newton Fuller, '04, to Mabel Estelle McGraw, '02, at Dallas, Tex., June 20, 1907. Address, 768a Aubert Ave., St. Louis, Mo.

1904. Ernest Milton Halliday, '04, '06*l*, to Eleanor Armstrong, '06, at Fenton, Mich., June 5, 1907. Address, Urbana, Ill.

1904. Louise Churchill Nichols, '04, to Burnett Clinton Booth, at Glendale, Calif., April 3, 1907. Address, 524 W. 42d St., Los Angeles, Calif.

1904. Henrietta Gibbon Stratton, '04, to William Alderman Jaquette, at Salem, N. J., June 14, 1907. Address, Salem, N. J.

1905. Lee Elwood Holt Cone, Ph.D. '05, to Daisy Ellen BenOliel, 1900-01, '03-'05, at Ann Arbor, Mich., June 18, 1907. Address, Ann Arbor.

1905. Ralzemond Drake Parker, '05*e*, M.S. '06, to May Bacon, at Pontiac, July 9, 1907. Address, after Oct. 1, Ann Arbor.

1905. Margaret Elizabeth Deshler Shearer, '05, to Lieutenant Charles Louis Willard, U. S. Signal Corps, at Ann Arbor, July 3, 1907. Address, Fort St., Michael, Alaska.

1906. Eleanor Armstrong, '06, to Ernest Milton Halliday, '04, '06*l*, at Fenton, Mich., June 5, 1907. Address, Urbana, Ill.

1906. Joseph Henry Cruthis, '06*l*, to Mabel Rosebrough, at Reno, Ill., July 3, 1907. Address, Talihina, I. T.

1906. Warren Edwards Emley, '06*e*, to Annie Lucile White, 1902-'03, '04-'05, at Fremont, Mich., June 19, 1907. Address, Alpena, Mich.

1908. Walter Charles Mardorf, '08*l*, to Clara Elizabeth Topping, (Univ. School of Music) '06, at Fenton, Mich., June 15, 1907. Address, 503 E. Jefferson St., Ann Arbor, Mich.

NECROLOGY

This department of The Alumnus is conducted by Professor Demmon. In order to make it as complete as possible, the cooperation of subscribers is solicited. Let deaths be reported promptly as they occur, with date and place. Be careful to distinguish between fact and rumor. In sending newspaper clippings, particular care should be used to distinguish between the date of the paper and the date of the death recorded. Short biographies of deceased alumni and former students will be given space when sent to The Alumnus.

Departments and classes are distinguished the same as in the News from the Classes column (see notice thereunder) and elsewhere in the magazine, except that the Department of Literature, Science, and the Arts is distinguished from others by the letter a, (arts).

Officers.

William Harold Payne, A.M. (*hon.*) '72, LL.D. '88, Litt.D. (West. Univ. of Pa.) '97, Professor of the Science and the Art of Teaching, 1879-88, 1901-07, d. at Ann Arbor, June 18, 1907, aged 71.

Literary Department.

1855. Charles Dunlap, A.B., A.M. '58, d. at Grand Junction, Colo., June 21, 1907, aged 74.

Engineering Department.

1899. David Fernando Castilla, B.S. (Mech. E.), d. at Monterey, Mex., 1903, aged 31.

Medical Department.

1857. William Parmenter, A.B. (Oberlin) '54, A.M. (*ibid.*) '58, d. at Vermontville, Mich., July 4, 1907, aged 80.

1869. Alfred Henry Champlin, A.B. (Hamilton) '65, d. in Chicago, Ill., June 25, 1907, aged 66.

1877. George Watson, d. at Jacksonville, Ill., June 14, 1901, aged 55.

Law Department.

1868. John Comly Bigger, *a*'65-'67, d. at Dallas, Texas, Jan., 1901, aged 58.

1868. La Vega George Kinne, d. at Des Moines, Ia., March 15, 1906, aged 60.

1874. Louis Edward Morris, d. in Chicago, Ill., July 5, 1907, aged 63. Buried at Manistee, Mich.

1892. George Robert Patterson, d. at Syracuse, N. Y., Sept. 13, 1904, aged 39. Buried at Tully, N. Y.

1898. Edward Howard Gordon, A.B. (Macalester Coll.) '95, d. at Langdon, N. Dak., June 8, 1907, aged 36.

Non-Graduates.

Hila Lee Alderman, *m*'80-'82, M.D. (Mich. Col. of Med. and Surg.) '89, d. in Detroit, Mich., June 13, 1907, aged 46.

Lucien Baker, *l*'68-'69, d. at Leavenworth, Kans., June 22, 1907, aged 61.

Willard Irving Brigham, *a*'79-'80, d. at Auburn. Calif., Sept., 1904, aged 45.

John Beattie Brooks, *m*'61-'62, M.D. (N. Y. Homœo.) '64, d. at Hot Springs Ark., June 15, 1907, aged 67.

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Benjamin Franklin Brown, *m*'65-'67, M.D. (Rush) '67, d. at Pulaski, Ill., Jan. 17, 1907, aged 71.

Roscoe Schofield Burton, *l*'05-'07, was drowned in Bass Lake, Mich., June 14, 1907, aged 25. Buried at Peoria, Ill.

James Edgar Colvin, *l*'87-'88, d. at Springfield, Ill., June 1, 1907, aged 40. Buried at Hillsboro, Ill.

Harriet Marian Cornwell, *a*'98-'00, (Mrs. Ross M. Chapman), d. at Ann Arbor, July 9, 1907, aged 30.

Calvin Gunsaulus, *m*'55-'56, d. at Marengo, Ohio, Jan. 14, 1904, aged 76. Buried at Mt. Gilead, Ohio.

Edmund Haug, *l*'81-'82, d. in Detroit, Mich., June 26, 1907, aged 48.

Malvina Victoria Hodgman. *a*'95-'96, d. at Princeton, Ill., Jan. 18, 1907, aged 46.

Robert Miles Ianson, *m*'83-'84, M.D. (Bennett) '85, d. at Ingalls, Mich., March 17, 1907, aged 64.

Larmon Gunn Johnson, *l*'66-'67, d. in Washington, D. C., March 31, 1904, aged 56.

William Hastie Johnston, *m*'72-'73, d. at Three Oaks, Mich., May 6, 1876, aged 34. Buried at Riverside, Mich.

Dwight Elmer Minnis, *l*'95-'97, d. at Kansas City, Mo., Dec. 5, 1906, aged 36. Buried at Sharpsburg, Ill.

Charles Munger, *m*'68-'69, M.D. (Bellevue) '71, d. at Knoxboro, N. Y., June 19, 1907, aged 66.

William Asher Muse, *a*'70-'71, d. at Rutherford, Tenn., Feb. 11, 1907, aged 54.

Georgia Elizabeth Nichols, *m*'83-'84, d. at Milford, N. H., July 6, 1900, aged 59. Buried at Nashua, N. H.

Hervey Edwards Noble, *h*'86-'87, d. at Fayetteville, N. Y., Jan. 5, 1895, aged 27.

George Marion Nye, *m*'90-'91, d. at Douglas, Ariz., Jan. 3, 1905. aged 34.

Joanna Blessing Oliver, *a*'99-'00, A.B. (Wellesley) '99, (Mrs. Evans Holbrook), d. at Onawa, Iowa, July 23, 1905, aged 27.

Elwin Elbert Parmenter, *l*'64-'65, d. at Rock Island, Ill., Dec. 27. 1906, aged 63.

Cassius March Perdieu, *l*'80-'81, d. at Portland, Ind., Aug. 8, 1883, aged 27.

John Thompson Roach, *p*'71-'72, d. at Monticello, Ind., Feb. 26, 1905, aged 58.

Archibald Robertson Small, *m*'72-'73, M.D. (Rush) '74, d. in Chicago, Ill., June 21, 1907, aged 56.

Orrin Amos Tompkins, *m*'63-'64, M.D. (Buffalo) '65, d. at Randolph, N. Y., June 11, 1907, aged 66.

Hugh Elmer Ward, *a*'97-'98, B.S. (Mich. Agr. Coll.) '95, d. at Ada, Mich., Dec. 28, 1902, aged 30.

Theodore Williams, *a*'63-'64, d. at Kalamazoo, Mich., Sept. 24, 1905.

Albert Eugene Wurster, *e*'05-'06, d. *en route* from North Carolina to Ann Arbor, June 16, 1907, aged 21. Buried at Ann Arbor.

BOOK REVIEWS

The Alumnus reviews recently published works by alumni, former students, or members of the Faculty, and works directly relating to the University. Copies of such books, sent for review, are placed in the Alumni Library in the Alumni Room.

NOTES ON HEATING AND VENTILATION

The present edition covers practically the same ground as the first, but contains many valuable additions. Amongst other things the number of illustrations has been nearly doubled, and numerous tables representing the results of experiments hitherto unpublished, have been added. Most of these have been carried out under the author's direction at the University of Michigan, and include the velocity of hot water circulation due to difference of temperature under different heads, heat losses in natural hot water circulation. A chapter on air washing in ventilation systems has also been added. Throughout the book numerous valuable practical suggestions are given in connection with the design and construction of heating and ventilating systems of different kinds. No attempt is made to discuss various theories in connection with the subject, the author's idea being to give a rational and intelligent method of determining heating surfaces, based upon fundamental principles, rather than the somewhat loose rule of thumb methods so commonly adopted in this branch of engineering. The various points discussed are illustrated by numerous examples which aid the student, or practical man, considerably in applying correct principles instead of crude guesswork.

Notes on Heating and Ventilation. John R. Allen. Domestic Engineering, Chicago, 1907. Second edition. H. C. S.

THE LONG LABORADOR TRAIL

While Dillon Wallace, the author of "The Long Labrador Trail," is not a Michigan

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man, this book is in a way so intimately associated with the memory of Leonidas Hubbard, '97, that it is deserving of especial notice here. It is the account of the successful consummation of the Labrador trip, which, on the previous journey, resulted in the death of Hubbard. "The Lure of the Labrador Wild," by the same author, kept the pledge previously given to Hubbard that the story of that journey should be published. This is the account of a second and successful expedition.

The author in his preface says: "While Hubbard and I were struggling inland over those desolate wastes, where life was always uncertain, we entered into a compact that in case one of us fall the other would carry to completion the exploratory work that he had planned and begun. Providence willed that it should become my duty to fulfill this compact, and the following pages are a record of how it was done.

"Not I, but Hubbard, planned the journey of which this book tells, and from him I received the inspiration and with him the training and experience that enabled me to succeed. It was his spirit that led me on over the wearisome trails, and through the rushing rapids, and to him and to his memory belong the credit and the honor of success."

The Long Labrador Trail. Outing Publishing Company, New York. 315 pp. + xii, illustrated, with appendices and map.

NOTES

Katherine Holland Brown, '98, has been publishing many stories in recent magazines. *Everybody's* for July contains a story called "The New Strong Wine of Spring," and the *Scribner's* for July contains another by Miss Brown, "Galahad's Daughter."

Everybody's for July contains a story by Stewart Edward White, '95, entitled "The Honk Honk Breed."

Everybody's magazine for June, 1907, contains an article by I. K. Friedman, '93, "A Tragedy of a Released Convict."

The Conservator, published in the interest of the Whitman cult, at Philadelphia, for April, 1907, contains a poem by Richard R. Kirk, '03, entitled "The Coming Day."

Isaac Henry Clay Royse, '68*l*, is the author of a history of the 115th Illinois Volunteer Infantry, of which a copy has recently been sent to the Alumni library. The book was published with the authority of the Regimental Association at Terre Haute, Ind., and the edition was limited to five hundred copies. The book contains over 400 pages, including many portraits of members of the Regiment during war time and later years. The history of the Regiment through the war is painstakingly followed and many maps of battle fields as well as illustrations are included, giving it an added value and interest to those who are not interested especially in the history of this individual Regiment.

A new book of views of the University of Michigan has recently been published by George Wahr, Ann Arbor. The book is attractively bound in brown with a picture of the front of the Campus and the seal of the University on the cover. It contains in the neighborhood of thirty pages upon which appear pictures of most of the buildings of the University as well as characteristic views connected with student life and the city of Ann Arbor. A cut of the new portrait of President Angell also appears. The book is entitled "Some Views," being a pictorial study of the Campus of the University of Michigan, the City of Ann Arbor, and its environs.

Thomas S. Blair, '89*m*, member of the American Medical Association, the Pennsylvania State Medical Society, Harrisburg Academy of Medicine, and on the visiting staff of the Harrisburg City Hospital, has just published a *Practitioner's Hand Book of Materia Medica and Therapeutics,* which is based upon established physiological actions and the indications of small doses. To this, according to the title page, is added some pharmaceutical data to the most important therapeutic developments of sectarian medicine as explained along rational lines. The book is respectfully dedicated to the Optimist in Therapeutics. It consists of two parts, dealing with pharmacy, materia medica, and therapeutics. It is a volume of 253 pages and is published by the Medical Council, 4105 Walnut St., Philadelphia, Pa.

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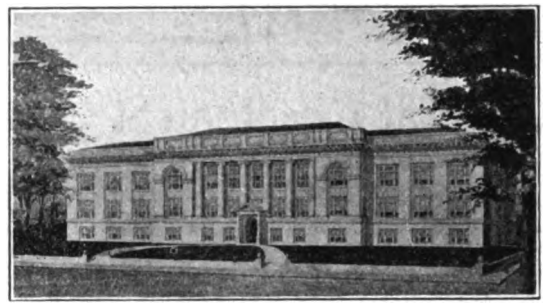
1856-1907



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is the perfected fountain pen. As the illustration shows, a pressure of the thumb on the **Crescent-Filler** compresses the reservoir inside the barrel of the pen. The pressure released, the pen is full, ready to write. No complicated parts, nothing to take apart, nothing to lose, nothing to get out of order. The same movement that fills the pen cleans it. The writing qualities are unequalled. The flow of ink perfect from the first stroke to the last dot. Look for the **Crescent-Filler.** It identifies the Conklin Pen and protects you against substitutes.

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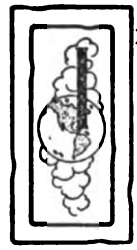

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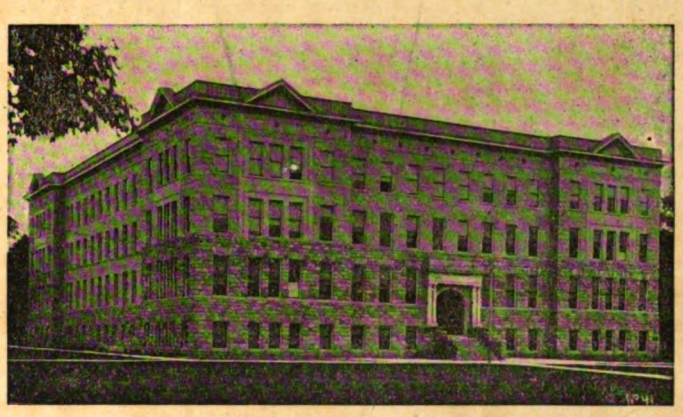

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